

# PUBLIC HEALTH REPORTS.

VOL. XXVI.

APRIL 7, 1911.

No. 14.

## UNITED STATES.

### MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

#### NEW HAVEN, CONN.

##### POLIOMYELITIS—NOTIFICATION, ISOLATION, DISINFECTION.

SECTION 1. Every physician practicing within the city of New Haven shall report in writing to the board of health, within 12 hours after he has discovered the nature of the disease, every case of anterior poliomyelitis for which he has prescribed or attended, giving the name, age, address, and the school attended or the shop, factory, or place said patient is employed, if known.

SEC. 2. Whenever no physician is employed, every lodging-house keeper, hotel keeper, householder, or person having charge of any public or private institution, or master of any vessel within the city of New Haven, shall report to the board of health within 12 hours every case of anterior poliomyelitis coming to his knowledge.

SEC. 3. After the recovery, removal, or death of any person from anterior poliomyelitis, every room, garment, or article that has been exposed to the contagion of said disease, shall be disinfected as prescribed by said board of health. There shall be no public funeral of any person dead from anterior poliomyelitis, except under the conditions prescribed and with the permit of the board of health through its properly constituted officer.

SEC. 4. Every person suffering from anterior poliomyelitis shall be strictly isolated for a period of four weeks.

SEC. 5. Every person violating any of the provisions of this regulation shall pay a penalty of not more than \$100. [Regulation, board of health, adopted Sept. 13, 1910.]

#### FALL RIVER, MASS.

##### MEDICAL INSPECTION OF SCHOOLS.

*Rules for the medical school inspectors.*—The inspector shall visit each school in his district once a week during each school term. The principal of the school and the medical inspector should agree upon the hour of inspection, which should as far as possible serve the best interests of all the schools to which the inspector is assigned.

The objects of the medical inspection of school children are: Identification of all school children requiring medical care; prompt exclusion from school of all children suffering from communicable diseases; detection of ailments and diseases other than communicable diseases; detection of defects of sight, hearing, teeth, or other disability injurious to pupils.

Remarks on heating, ventilation, seating in the schools, and any other hygienic conditions which present themselves as worthy of note to the inspector, will always be greatly appreciated and cheerfully received by the board of health.

Medical inspectors will vaccinate such children as need it. Medical inspectors will use their own judgment about the acceptance of family physicians' certificates. The medical inspector has the right to ignore such certificates if such action is justified by a personal investigation of the cases at school. The board prefers that the family physician, where there is one, should perform the vaccination. No child shall be

vaccinated against the consent of parents or guardians. No unvaccinated child may be admitted to school except as the law provides. A report of the number of primary vaccinations, revaccinations, the number of attempted vaccinations on primary subjects resulting in failure to take, and the number of vaccinations in previously vaccinated subjects resulting in failure to take, as well as any other important facts noted regarding vaccination or revaccination, shall be made to the board of health. The inspector will vaccinate free of charge any child or pupil who needs vaccination and applies for it, and must issue a certificate of vaccination to those entitled to the same. It is presumed that an unvaccinated child presenting himself or herself at school comes prepared to comply with the rules of the board of health. In cases, however, in which the inspector has an honest doubt on this point he may postpone vaccination and send an exclusion card, giving the reasons therefor, to the parents or guardians.

In making throat examinations the wooden tongue depressors supplied by the board of health must be used to the exclusion of all other depressors. Each tongue depressor must be used only once. Swabs should be taken by the inspector from all suspicious throats. Aseptic methods must be used in all examinations.

Children showing symptoms of the following diseases should be sent home immediately: Smallpox, scarlet fever, measles, chicken pox, tuberculosis, diphtheria, influenza, tonsilitis, whooping cough, pediculosis, mumps, scabies, trachoma, ringworm, impetigo contagiosa.

An exclusion card is to be filled out, put in a sealed envelope, and given to the child to take home. Where any of the above-mentioned diseases are found the board of health is to be notified at once.

Inspectors should keep in close touch with the board of health, so that they can be reached without delay when wanted. Inspectors should familiarize themselves with the health regulations of the board of health. In making inspections, care must be used to disturb the child as little as possible. No prescription or medical treatment is to be given to any child by the inspector while in the performance of his duties except as follows:

In special cases prescriptions furnished by the health department are provided free of charge for the following diseases: Impetigo contagiosa, ringworm, scabies, animal parasites in the hair.

Inspectors should remember that as inspectors they have no jurisdiction beyond the thresholds of the schools of their respective districts. One and all should bear in mind the following orders: Do not examine pupils at your office or any place outside of the school. Use great discretion in examining pupils. Do not keep them waiting any longer than necessary. Do your best at all times to maintain harmony and cooperation with the principals. Remember that you are a public servant, held to a strict account for the faithful discharge of your duties, and that as such it is your duty to give the full benefits of your scientific training to the examination of the children of the public.

If ill, or suffering from an accident, or for any other reason unable to be on duty, the inspector should notify the board of health.

The inspector may be required to do extra work at any time upon a request from the board of health, the superintendent of schools, or any school principal in his district.

Each inspector will submit a written report of his work to the board of health for each school term, within four days from the end of each term. [Rule, board of health, adopted Feb. 21, 1911.]

#### FALL RIVER, MASS.

##### MILK—PRODUCTION, CARE, AND SALE.

**Regulation 71.**—SECTION 1. All persons, firms, or corporations in the city of Fall River engaged in the production of milk, cream, ice cream, butter, or cheese intended for sale in the city of Fall River, shall annually on or before the first day of June make written application to the inspector of milk, on forms prescribed by the board of health, for a license.

SEC. 2. All persons, firms, or corporations in the city of Fall River engaged in selling milk, skimmed milk, cream, ice cream, butter, and cheese in a store, booth, stand, market-place, or milk depot, shall annually on or before the first day of June make written application to the inspector of milk, on forms prescribed by the board of health, for a license.

SEC. 3. All persons, firms, or corporations in the city of Fall River engaged in the business of canning, bottling, or otherwise preparing milk, skimmed milk, cream, or the manufacture of ice cream, butter, or cheese for sale, or intended for sale in the city of Fall River, shall annually on or before the first day of June make written

application to the inspector of milk, on forms prescribed by the board of health, for a license.

SEC. 4. All persons, firms, or corporations in the city of Fall River engaged in peddling milk, skimmed milk, cream, ice cream, butter, or cheese from a wagon, vehicle, or otherwise for the purpose of selling, delivering, or distributing milk, skimmed milk, cream, ice cream, butter, or cheese, shall annually on or before the first day of June make written application to the inspector of milk, on forms prescribed by the board of health, for a license. And shall at all times at the request of the inspector of milk present for inspection, wagons, vehicles, or other conveyances, cans, bottles, or other containers, measures and such other utensils as are used on said wagons, vehicles, or other conveyances, in conducting said business.

SEC. 5. No person, firm, or corporation in the city of Fall River may engage in the business of producing milk, skimmed milk, cream, ice cream, butter, or cheese for sale, or in the sale of milk, skimmed milk, cream, ice cream, butter, or cheese, or in the distribution, delivery, peddling, bottling, canning, or other methods of preparing milk, skimmed milk, cream, ice cream, butter, or cheese intended for sale in the city of Fall River without a license issued by the inspector of milk under these regulations and such other conditions as the board of health may impose.

SEC. 6. No person, firm, or corporation in the city of Fall River shall engage in the production of milk for the purpose of sale or distribution in said city until such person, firm, or corporation shall have made application to the board of health for permission to keep cows for the purpose of producing milk for sale in said city.

SEC. 7. No person, firm, or corporation will be granted permission to keep cows in the city of Fall River for the purpose of producing milk for sale in said city until such person, firm, or corporation shall have provided suitable cow stables, milk rooms, utensils, and appliances that will conform to the sanitary requirements of the board of health.

SEC. 8. No person, firm, or corporation may bring milk, skimmed milk, cream, ice cream, butter, or cheese into the city of Fall River for the purpose of sale, distribution, or delivery, or distribute milk, skimmed milk, cream, ice cream, butter, or cheese intended for sale in the city of Fall River until such person, firm, or corporation shall have complied with all provisions of these regulations satisfactory to the board of health and shall have been granted a license issued by the inspector of milk under these regulations.

SEC. 9. All farms, dairies, or other places where milk, skimmed milk, cream, ice cream, butter, or cheese is produced, mixed, bottled, canned, tubbed, or otherwise prepared for the purpose of sale or distribution in the city of Fall River shall provide a suitable room with proper apparatus for cleansing and sterilizing all utensils, apparatus, appliances, and vessels used or employed in the care, preparation, and distribution of milk, skimmed milk, cream, ice cream, butter, or cheese to be sold or distributed in said city, and all such utensils, apparatus, appliances, and vessels shall be thoroughly washed and sterilized by heat regularly after being so used.

SEC. 10. All milk produced for the purpose of sale in the city of Fall River shall be strained, aerated, and cooled to a temperature not exceeding 45° F. as soon as it is drawn from the cow, and shall be stored in a suitable place where it will be kept at a temperature not exceeding 45° F.

SEC. 11. All milk, cream, ice cream, butter, or cheese produced or manufactured for the purpose of sale in the city of Fall River shall be strained, cooled, mixed, canned, stored, bottled, or manufactured in buildings or rooms suitably constructed, to the satisfaction of the board of health of said city, and shall not be used for any other purpose whatever; and all such buildings or rooms shall be properly lighted and ventilated, and shall be provided with tight floors and walls of such construction as will allow of easy and thorough cleansing, and all such buildings and rooms shall be kept constantly clean.

SEC. 12. Milk shall not be sold, offered for sale, or distributed in the city of Fall River which was drawn from a cow within 15 days before calving or 5 days after calving; or from a cow whose afterbirth has been retained more than 24 hours after calving, until 7 days after the retained afterbirth shall have been completely removed; or from a cow whose udder is affected with any form of disease or accident.

SEC. 13. Milk, skimmed milk, or cream shall not be sold or distributed in the city of Fall River in any but separate containers approved by the board of health.

SEC. 14. Every person, firm, or corporation who holds a license to sell, distribute, or deliver milk, skimmed milk, cream, ice cream, butter, or cheese in the city of Fall River shall, at all times when required to do so, furnish the bacteriologist of the board of health with a sample of the milk, skimmed milk, cream, ice cream, butter, or cheese from every dairy, farm, or place of business where such milk, skimmed milk, cream, butter, or cheese is produced for a bacteriological examination. If such

examination shows the milk, skimmed milk, cream, ice cream, butter, or cheese to contain more than 200,000 bacteria per cubic centimeter, or any other microorganism that would render such milk, skimmed milk, cream, butter, or cheese unfit for food the licensee shall, when ordered to do so by the milk inspector, immediately suspend the delivery, sale, and distribution in the city of Fall River of all milk, skimmed milk, cream, ice cream, butter, or cheese from the farm, dairy, or place of business from which such sample was taken until authorized by the board of health to resume the same; otherwise, his license will be revoked.

SEC. 15. No person by himself, or agent or servant, or any other person, firm, or corporation shall, in the city of Fall River, sell, exchange, or deliver any milk, skimmed milk, cream, butter, or cheese which contains more than 200,000 bacteria per cubic centimeter, or any other microorganism which would render such milk, skimmed milk, cream, butter, or cheese unfit for food.

SEC. 16. Before a license is issued to an applicant for the sale or delivery of milk, skimmed milk, or cream in the city of Fall River, said applicant shall produce to the milk inspector a certificate (of form prescribed and furnished by the board of health) for every cow whose milk is brought by him, or his servants or employees, into the city of Fall River, or kept, delivered, or distributed with the intent to sell the same in said city, from a veterinary surgeon licensed to practice in Massachusetts, stating that he has given said cow a careful physical examination, and in his opinion the cow is free from tuberculosis or any disease dangerous to public health; and further stating that every such cow has placed in one of her ears a tag (of form prescribed and supplied by the board of health) having a number corresponding to a number to be written on the said certificate, unless said cow shall already have a tag in her ear designated by the cattle bureau of this State.

SEC. 17. No cow or bull shall be kept as a part of a dairy herd whose milk or other products or service is to be sold or distributed or used in the city of Fall River until such cow or bull shall have been given a careful physical examination by a veterinary surgeon as hereinbefore mentioned, and all other requirements of the preceding section shall have been complied with. And every animal which fails to successfully pass such examination shall be immediately removed from the herd and reported by the veterinary surgeon making the examination to the board of health; and the product of such animal or the use of such animal shall not be sold or offered for sale or for service in the city of Fall River until permission is given in writing by the board of health; furthermore, such an animal shall not be permitted to be used for dairy purposes, either by itself or as a part of a herd, whose products are to be sold or offered for sale or for service in the city of Fall River until such animal shall have been tested with tuberculin by a veterinary surgeon, as hereinbefore mentioned, and declared in his opinion to be free from tuberculosis or other diseases dangerous to public health and shall have been tagged as described in section 16.

SEC. 18. No cattle shall be added to any herd, nor shall any new herds be established, for the purpose of producing milk, skimmed milk, or cream in the city of Fall River until after they shall have been tested with tuberculin by a veterinarian qualified as set forth in these regulations, and certified by him to be free from tuberculosis or any other disease that might cause the milk or flesh of such an animal to be injurious to public health, excepting such cattle as have been tested with tuberculin within one year by the cattle bureau of this State or a veterinary surgeon acceptable to the board of health; and all such cattle shall have placed in their ear a tag designated by the cattle bureau of this State or the board of health.

SEC. 19. Milk, skimmed milk, cream, ice cream, kept for sale or stored in any store, shop, restaurant, market, milk depot, bakery, or other establishment, shall be stored in a properly constructed refrigerator, approved by the board of health. No vessel containing milk, skimmed milk, cream, or ice cream for sale shall be allowed to stand outside said refrigerator. Every such refrigerator shall be kept properly drained and cared for, and shall be kept tightly closed except during such intervals as are necessary for the introduction or removal of milk, skimmed milk, cream, or ice cream, or ice, and shall be kept in such locations and under such conditions as shall be approved by the board of health.

SEC. 20. Skimmed milk shall not be sold, exchanged, or delivered within the city of Fall River unless the provision of the revised laws shall be observed, and that the words "skimmed milk" shall appear on all cans or vessels used to convey or hold such milk in letters 2 inches in length and one-half inch in width and in some contrasting color to that of the can or vessel.

SEC. 21. Milk, skimmed milk, cream, ice cream, butter, or cheese adulterated in any way, or containing an adulterant or preservative of any kind, or milk the chemical composition of which does not conform to the laws of the Commonwealth and the requirements of the State board of health, shall be deemed unfit for food, and shall be



condemned; and any person, firm, or corporation having in his possession for the purpose of sale, delivery, or distribution, or with the intent to sell such milk, skimmed milk, cream, butter, or cheese shall be prosecuted according to the provisions of law, and the license of any such person, firm, or corporation shall be immediately revoked. Any person, firm, or corporation having been convicted in any court in this Commonwealth for violating any of the provisions of this section may be granted a license to sell, deliver, or distribute milk, cream, ice cream, butter, or cheese in the city of Fall River only at the discretion of the board of health.

SEC. 22. All cans, bottles, or other vessels of any sort used in the sale, delivery, or distribution of milk, skimmed milk, or ice cream shall be cleansed and sterilized before they are again used for the same purpose, and all wagons used in the conveyance of milk, skimmed milk, cream, ice cream, butter, or cheese shall be kept in a cleanly condition and free from offensive odors. No person shall use a milk vessel as a container for any other substance than milk, skimmed milk, cream, or ice cream, and all cans, measures, or other utensils, made of metal, must be kept clean and free from rust, otherwise they will be condemned.

SEC. 23. Every person, firm, or corporation engaged in the production, storage, transportation, sale, delivery, or distribution of milk, skimmed milk, cream, or ice cream shall immediately on the occurrence of any case or cases of contagious or infectious disease, either in himself or his family or among his employees, or their immediate associates, or within the building or upon the premises where milk is stored or distributed or sold, notify the board of health, and at the same time shall suspend the sale, distribution, or delivery of milk, skimmed milk, cream, or ice cream until authorized to resume the same by the said board of health. No vessel used or handled by a person suffering from any such disease, or by any person caring for or nursing such person, shall be used to hold or convey milk, skimmed milk, cream, or ice cream until such vessel shall have been thoroughly sterilized.

SEC. 24. No urinal, water-closet, privy, vault, cistern, or cesspool shall be located in a building or room where milk, skimmed milk, cream, or ice cream is mixed, strained, cooled, aerated, skimmed or separated, bottled, canned, manufactured, or stored, or in a building or room where vessels, bottles, utensils, apparatus, or appliances used in the mixing, straining, aerating, skimming, or separating, washing or sterilizing are used, kept, or stored; nor shall such urinal, water-closet, privy, vault, cistern, or cesspool be so situated as to pollute the atmosphere of such building or room or the well or other source of water supply from which the water used in connection with said buildings or rooms is obtained.

SEC. 25. Every person, firm, or corporation having a license to sell, deliver, or distribute milk, skimmed milk, cream, ice cream, butter, or cheese in the city of Fall River, shall keep a copy of the same constantly posted in a conspicuous place on their premises; and every such person, firm, or corporation shall have their name, the number of their license, and their place of business marked in plain, uncondensed Gothic letters, not less than 2 inches in height, on all vehicles used by them in the conveyance of said milk.

SEC. 26. Whoever violates any of the provisions of this regulation shall be liable to a fine of \$100, and shall be liable to such penalties as are provided by the general laws of the Commonwealth now or hereafter in force. [Regulation, board of health, as amended March, 1910.]

#### *Rules to be observed by milk dealers.*

RULE 1. Every milk producer, when making any addition to his herd, according to this regulation is required to notify the milk inspector.

RULE 2. Before collecting and distributing milk from any source other than that stated in his application for a license, every dealer licensed to convey milk in the city of Fall River is required to notify the milk inspector and get his approval.

RULE 3. Bottles or other milk containers must not be left with any family in which there is a case of typhoid fever or any contagious disease, but the milk may be delivered by pouring it from the container into a vessel provided by the family.

RULE 4. No bottle or other milk container previously left with any family in which a case of typhoid fever or any contagious disease appears shall be removed therefrom except by the board of health, to whom the milkman should report. [Board of health, March, 1910.]

# PLAGUE-PREVENTION WORK.

## DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 140 acres of land in Alameda County were covered with poison during the week ended March 18, 1911.

### Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.....	Feb. 1, 1911.....	94 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	1 wood rat.
Merced.....	None recorded.....	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	4 squirrels.
San Joaquin.....	None recorded.....	do.....	Jan. 9, 1911.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	11 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	1 squirrel.
Santa Cruz.....	None recorded.....	do.....	May 17, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	May 21, 1910.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	5 squirrels.
				22 rats.

### Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Mar. 18.....		<sup>1</sup> 91	56	
Oakland.....	do.....	35	<sup>2</sup> 634	482	
San Francisco.....	do.....	30	<sup>3</sup> 1,545	1,050	
Counties—					
Mariposa.....	do.....		<sup>4</sup> 15	15	
Washington:					
Cities—					
Seattle.....	do.....		897	764	
Total.....		65	3,182	2,367	

<sup>1</sup> Identified, *Mus norvegicus* 58, *Mus musculus* 33.

<sup>2</sup> Identified, *Mus norvegicus* 512, *Mus rattus* 5, *Mus musculus* 117.

<sup>3</sup> Identified, *Mus norvegicus* 832, *Mus rattus* 143, *Mus musculus* 395, *Mus alexandrinus* 175.

<sup>4</sup> Identified, *Mus norvegicus* 2, *Mus musculus* 13.

## Examination of Rats from Steamship.

During the week ended March 18, 1911, there were examined at the Federal laboratory at San Francisco, Cal., 18 rats from the steamship *City of Puebla*. No plague-infected rats were found.

## Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco.....	Mar. 18	4		4	
Counties—					
Alameda.....	do	289	2	291	
Fresno.....	do	113		113	
Imperial.....	do	248		234	
Kern.....	do	22		20	
Los Angeles.....	do	340		331	
Madera.....	do	130		130	
Mariposa.....	do	175		171	
Monterey.....	do	734	2	728	
Riverside.....	do	39		36	
San Joaquin.....	do	618	7	601	
San Luis Obispo.....	do	448	23	461	
Santa Clara.....	do	315		311	
Stanislaus.....	do	341		339	
Yolo.....	do	74	1	75	
Total.....		3,890	35	3,845	

## Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Alameda.....	Mar. 18	1 rabbit.....	1	
Fresno.....	do	3 rabbits.....	5	
		1 weasel.....		
		1 owl.....		
Imperial.....	do	16 rabbits.....	16	
Mariposa.....	do	5 rabbits.....		
Monterey.....	do	7 rabbits.....	19	
		12 kangaroo rats.....		
San Joaquin.....	do	1 rabbit.....	1	
San Luis Obispo.....	do	7 rabbits.....	28	
		5 weasels.....		
		16 gophers.....		
Santa Clara.....	do	16 rabbits.....	35	
		19 gophers.....		
Stanislaus.....	do	5 rabbits.....	5	
Yolo.....	do	8 rabbits.....	10	
		2 gophers.....		
Total.....			120	

## SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended April 7, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>* Alabama:</b>				
Montgomery .....	Mar. 19-25 .....	7	.....	
District of Columbia .....	Mar. 19-25 .....	1	.....	
<b>* Florida:</b>				
Counties—				
Alachua .....	Mar. 12-25 .....	2	.....	
Calhoun .....	Mar. 19-25 .....	7	.....	
Duval .....	Mar. 12-25 .....	32	.....	
Escambia .....	Mar. 12-25 .....	34	.....	
Gadsden .....	Mar. 12-18 .....	3	.....	
Franklin .....	Mar. 19-25 .....	6	.....	
Fernando .....	Mar. 19-25 .....	1	.....	
Hillsboro .....	Mar. 12-25 .....	19	.....	
Jackson .....	Mar. 12-18 .....	27	.....	
Jefferson .....	Mar. 12-18 .....	1	.....	
Lake .....	Mar. 12-18 .....	1	.....	
Leon .....	Mar. 12-18 .....	9	.....	
Levy .....	Mar. 19-25 .....	1	.....	
Osceola .....	Mar. 19-25 .....	2	.....	
Polk .....	Mar. 12-25 .....	31	.....	
Putnam .....	Mar. 12-25 .....	4	.....	
Washington .....	Mar. 12-18 .....	2	.....	
Total for State .....		182	.....	
<b>* Kentucky:</b>				
Paducah .....	Mar. 19-25 .....	1	.....	
<b>Louisiana:</b>				
Parishes—				
Calcasieu .....	Jan. 1-31 .....	13	1	
Lafourche .....	Jan. 1-31 .....	16	.....	
Tensas .....	Jan. 1-31 .....	11	.....	
Washington .....	Jan. 1-31 .....	4	.....	
Total for State .....		44	1	
<b>Michigan .....</b>	(Jan. 1-31 .....	8	.....	Not previously reported.
	(Feb. 1-28 .....	8	.....	Do.
<b>Minnesota:</b>				
Counties—				
Beltrami .....	Feb. 1-13 .....	4	.....	
Dakota .....	Feb. 1-27 .....	1	.....	
Hennepin .....	Feb. 1-20 .....	21	.....	
Itaska .....	Feb. 20-27 .....	1	.....	
Koochiching .....	Feb. 7-13 .....	1	.....	
Le Sueur .....	Feb. 1-6 .....	1	.....	
Lyon .....	Feb. 14-20 .....	7	.....	
Murray .....	Feb. 1-27 .....	3	.....	
Nobles .....	Feb. 20-27 .....	1	.....	
Norman .....	Feb. 1-27 .....	7	.....	
Olmsted .....	Feb. 14-20 .....	5	.....	
Pipestone .....	Feb. 1-20 .....	3	.....	
Ramsey .....	Feb. 1-27 .....	60	.....	
Rice .....	Feb. 14-20 .....	1	.....	
Rock .....	Feb. 1-6 .....	1	.....	
St. Louis .....	Feb. 14-20 .....	1	.....	
Traverse .....	Feb. 1-6 .....	1	.....	
Washington .....	Feb. 7-20 .....	2	.....	
Total .....		121	.....	
<b>* Missouri:</b>				
St. Louis .....	Mar. 19-25 .....	21	.....	
<b>Montana:</b>				
Counties—				
Beaverhead .....	Feb. 1-28 .....	2	.....	
Cascade .....	Feb. 1-28 .....	8	.....	
Chouteau .....	Feb. 1-28 .....	7	.....	
Dawson .....	Feb. 1-28 .....	1	.....	
Deer Lodge .....	Feb. 1-28 .....	3	.....	
Gallatin .....	Feb. 1-28 .....	1	.....	
Jefferson .....	Feb. 1-28 .....	1	.....	
Lewis and Clark .....	Feb. 1-28 .....	1	.....	
Ravalli .....	Feb. 1-28 .....	2	.....	



## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received During Week Ended April 7, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Montana—Continued.</b>				
Counties—Continued.				
Silver Bow, exclusive of Butte.	Feb. 1-28.	3		
Butte.	Feb. 1-28.	13		
Teton.	Feb. 1-28.	6		
Total for State.		48		
<b>*Nebraska:</b>				
South Omaha.	Jan. 1-Feb. 28	10		
<b>Oklahoma:</b>				
Counties—				
Atoka.	Feb. 1-28.	1		
Beckham.	Feb. 1-28.	25		
Blaine.	Feb. 1-28.	8		
Bryan.	Feb. 1-28.	2		
Caddo.	Feb. 1-28.	4		
Cherokee.	Feb. 1-28.	2		
Chotau.	Feb. 1-28.	5		
Cleveland.	Feb. 1-28.	3		
Coal.	Feb. 1-28.	20	1	
Comanche.	Feb. 1-28.	1		
Garfield.	Feb. 1-28.	1		
Grady.	Feb. 1-28.	2		
Hughes.	Feb. 1-28.	18		
Jackson.	Feb. 1-28.	56		
Kingfisher.	Feb. 1-28.	2		
Kiowa.	Feb. 1-28.	2		
Lincoln.	Feb. 1-28.	4		
McCurtain.	Feb. 1-28.	15		
Muskogee.	Feb. 1-28.	1		
Okfuskee.	Feb. 1-28.	1		
Oklahoma.	Feb. 1-28.	8		
Oklmulgee.	Feb. 1-28.	6		
Payne.	Feb. 1-28.	3		
Pittsburg.	Feb. 1-28.	3		
Pontotoc.	Feb. 1-28.	1		
Washington.	Feb. 1-28.	1		
Washita.	Feb. 1-28.	10		
Total for State.		205	1	
<b>Pennsylvania.</b>				
	Dec. 1-31.		1	
	Jan. 1-31.	15		
<b>*Tennessee:</b>				
Knoxville.	Mar. 19-25.	12		
<b>Utah:</b>				
Counties—				
Beaver.	Mar. 19-25.	12		
Box Elder.	Mar. 19-25.	20		
Cache.	Mar. 19-25.	3		
Iron.	Mar. 19-25.	4		
Juab.	Mar. 19-25.	2		
Millard.	Mar. 19-25.	14		
Rich.	Mar. 19-25.	13		
Salt Lake.	Mar. 19-25.	8		
San Pete.	Mar. 19-25.	4		
Sevier.	Mar. 19-25.	6		
Utah.	Mar. 19-25.	43		
Washington.	Mar. 19-25.	6		
Weber.	Mar. 19-25.	16		
Total for State.		151		
<b>Virginia:</b>				
Counties—				
Culpeper.	Feb. 1-28.	1		
Fairfax.	Feb. 1-28.	1		
Fauquier.	Feb. 1-31.	30		
Lee.	Feb. 1-28.	41		
Loudoun.	Feb. 1-28.	6		
Prince William.	Feb. 1-28.	2		
Total for State.		51		

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received from December 31, 1910, to March 31, 1911.

For reports received from June 25, 1910, to Dec. 30, 1910, see Public Health Reports for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
<b>*Alabama:</b>				
Montgomery.....	Dec. 11-Mar. 11...	15		
<b>California:</b>				
Counties—				
Alameda.....	Dec. 1-31.....	3		
Imperial.....	Dec. 1-31.....	1		
Humboldt.....	Dec. 1-Jan. 31.....	2		
Kern.....	Dec. 1-31.....	1		
Los Angeles.....	Dec. 1-31.....	1		
Mariposa.....	Jan. 1-31.....	1		
Riverside.....	Jan. 1-31.....	3		
San Bernardino.....	Jan. 1-31.....	15	1	
San Diego.....	Dec. 1-Jan. 31.....	10		
San Francisco.....	Dec. 1-Jan. 31.....	2		
San Joaquin.....	Dec. 1-31.....	9		
Ventura.....	Jan. 1-31.....			
Total for State.....		49	1	
<b>Colorado:</b>				
Counties—				
Adams.....	Dec. 1-Jan. 31.....	6		
Arapahoe.....	Dec. 1-Jan. 31.....	15		
Archuleta.....	Dec. 1-Jan. 31.....	20		
Boulder.....	Dec. 1-Jan. 31.....	21		
Conejos.....	Dec. 1-31.....	2		
Costilla.....	Jan. 1-31.....	5		
Denver.....	Dec. 1-Jan. 31.....	152		
Eagle.....	Jan. 1-31.....	1		
El Paso.....	Dec. 1-31.....	1		
Fremont.....	Dec. 1-Jan. 31.....	8		
Garfield.....	Jan. 1-31.....	4		
Gilpin.....	Jan. 1-31.....	1		
Grand.....	Dec. 1-31.....	2		
Huerfano.....	Dec. 1-31.....	13		
Jefferson.....	Dec. 1-31.....	5		
Kit Carson.....	Jan. 1-31.....	1		
La Plata.....	Dec. 1-Jan. 31.....	14		
Larimer.....	Jan. 1-31.....	17		
Las Animas.....	Dec. 1-Jan. 31.....	37		
Mineral.....	Jan. 1-31.....	2		
Montezuma.....	Dec. 1-31.....	1		
Montrose.....	Jan. 1-31.....	2		
Morgan.....	Dec. 1-Jan. 31.....	33		
Pueblo.....	Dec. 1-31.....	3	1	
Rio Grande.....	Jan. 1-31.....	9		
Saguache.....	Dec. 1-31.....	3		
Teller.....	Jan. 1-31.....	1		
Total for State.....		379	1	
<b>Connecticut</b> .....	Dec. 1-Feb. 28.....			No cases.
<b>District of Columbia</b> .....	Jan. 15-Mar. 18.....	5		
<b>Florida:</b>				
Counties—				
Alachua.....	Dec. 18-Mar. 11.....	43	1	
Baker.....	Jan. 8-14.....	1		
Bradford.....	Jan. 16-Feb. 4.....	4		
Brevard.....	Feb. 19-25.....	5		
Calhoun.....	Jan. 29-Feb. 4.....	20		
Citrus.....	Jan. 8-Mar. 11.....	2		
Dade.....	Dec. 25-Feb. 18.....	3		
Duval.....	Jan. 1-Mar. 11.....	115	1	
Escambia.....	Jan. 1-Mar. 11.....	39		
Franklin.....	Jan. 8-21.....	4		
Gadsden.....	Dec. 18-Feb. 18.....	61		
Hillsboro.....	Dec. 25-Mar. 11.....	69		
Jackson.....	Dec. 25-Mar. 11.....	71		
Jefferson.....	Feb. 5-11.....	2		
Lafayette.....	Jan. 16-Feb. 4.....	6		
Lake.....	Jan. 22-Mar. 11.....	9		
Lee.....	Jan. 8-Mar. 4.....	21		
Leon.....	Dec. 18-Mar. 11.....	83	1	
Levy.....	Jan. 29-Feb. 4.....	2		
Liberty.....	Feb. 26-Mar. 4.....	6		
Madison.....	Dec. 18-Jan. 21.....	19		
Nassau.....	Jan. 16-21.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Florida—Continued.</b>				
<b>Counties—Continued.</b>				
Orange.....	Jan. 16-21.....	1		
Osceola.....	Dec. 18-24.....	1		
Polk.....	Dec. 18-Mar. 11.....	55		
Putnam.....	Feb. 12-Mar. 4.....	4		
St. John.....	Jan. 22-Feb. 11.....	2		
Santa Rosa.....	Jan. 8-Feb. 25.....	34		
Suwanee.....	Jan. 16-21.....	1		
Taylor.....	Jan. 8-Feb. 4.....	140		
Volusia.....	Jan. 22-Mar. 4.....	14		
Walton.....	Dec. 25-Feb. 25.....	8		
Washington.....	Jan. 8-14.....	4		
Total for State.....		851	3	
<b>Illinois:</b>				
<b>Counties—</b>				
Adams.....	Feb. 1-28.....	1		
Bond.....	Jan. 1-Feb. 28.....	2		
Carroll.....	Feb. 1-28.....	1		
Clay.....	Feb. 1-28.....	1		
Coles.....	Dec. 1-Feb. 28.....	10		
Cook, exclusive of Chicago.....	Dec. 1-Jan. 31.....	3		
Effingham.....	Dec. 31-Feb. 28.....	20		
Jasper.....	Dec. 31-Feb. 28.....	2		
Jefferson.....	Dec. 1-31.....	4		
Kane.....	Dec. 1-Feb. 28.....	11		
McLean.....	Jan. 1-Feb. 28.....	18		
Macoupin.....	Feb. 1-28.....	1		
Madison.....	Dec. 1-Feb. 28.....	9		
Peoria.....	Dec. 1-Feb. 28.....	7		
Perry.....	Dec. 1-31.....	2		
Saline.....	Jan. 1-Feb. 28.....	8		
Stevenson.....	Jan. 1-31.....	3		
Union.....	Dec. 1-Feb. 28.....	17		
Vermilion.....	Jan. 1-Feb. 28.....	2		
Washington.....	Feb. 1-28.....	1		
Williamson.....	Jan. 1-31.....	1		
Total for State.....		128		
<b>Indiana:</b>				
<b>Counties—</b>				
Adams.....	Feb. 1-28.....	6		
Allen.....	Feb. 1-28.....	1		
Blackford.....	Feb. 1-28.....	3		
Cass.....	Jan. 1-Feb. 28.....	6		
Clay.....	Feb. 1-28.....	8		
Daviess.....	Feb. 1-28.....	1		
Decatur.....	Jan. 1-Feb. 28.....	3		
Dekalb.....	Dec. 1-Feb. 28.....	9		
Delaware.....	Feb. 1-28.....	6		
Elkhart.....	Dec. 1-31.....	5		
Greene.....	Feb. 1-28.....	1		
Howard.....	Dec. 1-31.....	1		
Huntington.....	Feb. 1-28.....	1		
Jennings.....	Jan. 1-31.....	6		
Knox.....	Dec. 1-Feb. 28.....	8		
Madison.....	Dec. 1-Feb. 28.....	168		
Marion.....	Jan. 1-31.....	1		
Montgomery.....	Dec. 1-Feb. 28.....	12		
Noble.....	Jan. 1-31.....	1		
Posey.....	Jan. 1-31.....	1		
St. Joseph.....	Feb. 1-28.....	1		
Steuben.....	Jan. 1-Feb. 28.....	7		
Vigo.....	Jan. 1-Feb. 28.....	22		
Wabash.....	Feb. 1-28.....	1		
Warren.....	Feb. 1-28.....	1		
Wayne.....	Jan. 1-Feb. 28.....	19		
Total for State.....		299		
<b>Iowa:</b>				
<b>Counties—</b>				
Benton.....	Jan. 1-Feb. 28.....	2		
Black Hawk.....	Feb. 1-28.....	1		
Boone.....	Feb. 1-28.....	1		
Buena Vista.....	Dec. 1-31.....	1		
Dallas.....	Feb. 1-28.....	1		
Dubuque.....	Feb. 1-28.....	1		
Fremont.....	Feb. 1-28.....	7		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Iowa—Continued.</b>				
<b>Counties—Continued.</b>				
Guthrie.....	Jan. 1-Feb. 28.....	4	.....	Year 1910, in delinquent report received after Jan. 1, 1911.
Hancock.....	Jan. 1-31.....	3	.....	
Jefferson.....	.....	.....	1	
Johnson.....	Jan. 1-31.....	1	.....	
Lee.....	Dec. 1-31.....	1	.....	
Linn.....	Dec. 1-Feb. 28.....	58	.....	
Lucas.....	Jan. 1-31.....	1	.....	
Lyon.....	Dec. 1-31.....	3	.....	
Mahaska.....	Feb. 1-28.....	1	.....	
Marshall.....	Dec. 1-Jan. 31.....	8	.....	
Page.....	Dec. 1-Feb. 28.....	34	1	
Polk.....	Dec. 1-Feb. 28.....	10	.....	
Pottawattamie.....	Jan. 1-Feb. 28.....	9	.....	
Scott.....	Dec. 1-Feb. 28.....	7	.....	
Sioux.....	Feb. 1-28.....	1	.....	
Taylor.....	Dec. 1-31.....	64	.....	
Union.....	Jan. 1-Feb. 28.....	3	.....	
Warren.....	Dec. 1-31.....	1	.....	
Webster.....	Dec. 1-31.....	10	.....	
Winnebago.....	Jan. 1-31.....	1	.....	
Woodbury.....	Dec. 1-Feb. 28.....	13	.....	
Total for State.....	.....	247	2	
<b>Kansas:</b>				
<b>Counties—</b>				
Pawnee.....	Nov. 1-30.....	1	.....	
Reno.....	Nov. 1-30.....	1	.....	
Allen.....	Dec. 1-Jan. 31.....	6	.....	
Anderson.....	Jan. 1-31.....	1	.....	
Atchison.....	Dec. 1-31.....	4	.....	
Brown.....	Dec. 1-Jan. 31.....	44	.....	
Butler.....	Dec. 1-Jan. 31.....	2	.....	
Cherokee.....	Dec. 1-Jan. 31.....	6	.....	
Clay.....	Dec. 1-Jan. 31.....	7	.....	
Decatur.....	Dec. 1-31.....	1	.....	
Dickinson.....	Dec. 1-Jan. 31.....	12	.....	
Doniphan.....	Dec. 1-Jan. 31.....	2	.....	
Douglas.....	Jan. 1-31.....	1	.....	
Harper.....	Jan. 1-31.....	5	.....	
Jefferson.....	Dec. 1-31.....	1	.....	
Jewell.....	Jan. 1-31.....	17	.....	
Johnson.....	Dec. 1-31.....	4	.....	
Kearny.....	Jan. 1-31.....	5	.....	
Kingman.....	Dec. 1-31.....	1	.....	
Leavenworth.....	Jan. 1-31.....	2	.....	
Leavenworth.....	Dec. 1-31.....	2	.....	
Lyon.....	Jan. 1-31.....	1	.....	
Marion.....	Jan. 1-31.....	2	.....	
Marshall.....	Dec. 1-Jan. 31.....	112	.....	
Montgomery.....	Dec. 1-Jan. 31.....	5	.....	
Morton.....	Jan. 1-31.....	8	.....	
Nemcha.....	Dec. 1-31.....	1	.....	
Norton.....	Jan. 1-31.....	1	.....	
Osage.....	Dec. 1-31.....	1	.....	
Pottawatomie.....	Jan. 1-31.....	9	.....	
Reno.....	Dec. 1-31.....	1	.....	
Riley.....	Jan. 1-31.....	8	.....	
Rooks.....	Dec. 1-31.....	1	1	
Russell.....	Jan. 1-31.....	1	.....	
Saline.....	Jan. 1-31.....	10	.....	
Sedgwick.....	Jan. 1-31.....	1	.....	
Shawnee.....	Dec. 1-Jan. 31.....	5	.....	
Sumner.....	Dec. 1-31.....	6	.....	
Washington.....	Jan. 1-31.....	4	.....	
Wyandotte, exclusive of Kansas City.....	Dec. 1-Jan. 31.....	15	.....	
Kansas City.....	Dec. 1-Jan. 31.....	22	.....	
Total for State.....	.....	339	1	
<b>*Kentucky:</b>				
Henderson.....	Feb. 22-28.....	4	.....	
Lexington.....	Feb. 26-Mar. 18.....	2	.....	
Paducah.....	Jan. 23-Mar. 18.....	23	.....	
Total for State.....	.....	29	.....	



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Louisiana:</b>				
Parishes—				
Ascension.....	Dec. 1-31.....	1		
East Baton Rouge.....	Dec. 1-31.....	25		
East Feliciana.....	Dec. 1-31.....	30		
Iberville.....	Dec. 1-31.....	6		
Orleans—				
New Orleans.....	Dec. 18-Mar. 18...	153	1	
Rapides.....	Dec. 1-31.....	1		
St. Charles.....	Dec. 1-31.....	4		
St. John.....	Dec. 1-31.....	1		
Tangipahoa.....	Nov. 1-Dec. 31.....	22		
Tensas.....	Dec. 1-31.....	9		
Washington.....	Dec. 1-31.....	1		
Total for State.....		253	1	
<b>Maine.....</b>	Dec. 1-Feb. 28.....			No cases.
<b>Maryland:</b>				
Counties—				
Baltimore.....	Feb. 1-28.....	2		
Garrett.....	Jan. 1-Feb. 28.....	10		Dec. 1-31, no cases.
Total for State.....		12		
<b>Massachusetts.....</b>	Nov. 1-Dec. 31.....			No cases.
<b>Michigan:</b>				
Counties—				
Alcona.....	Dec. 1-31.....	1		
Alger.....	Dec. 1-Feb. 28.....	2		
Alpena.....	Jan. 1-31.....	1		
Antrim.....	Jan. 1-31.....	1		
Arenac.....	Dec. 1-Jan. 31.....	7		
Bay.....	Dec. 1-Jan. 31.....	2		
Barry.....	Feb. 1-28.....	1		
Calhoun.....	Dec. 1-Feb. 28.....	17	1	
Cass.....	Feb. 1-28.....	2		
Charlevoix.....	Dec. 1-Feb. 28.....	24		
Cheboygan.....	Dec. 1-Feb. 28.....	30		
Clare.....	Jan. 1-31.....	8		
Clinton.....	Dec. 1-31.....	3		
Crawford.....	Dec. 1-Jan. 31.....	6		
Eaton.....	Dec. 1-Jan. 31.....	6		
Emmet.....	Jan. 1-Feb. 28.....	63		
Genesee.....	Dec. 1-Feb. 28.....	14	1	
Gladwin.....	Dec. 1-Feb. 28.....	4	1	
Grand Traverse.....	Dec. 1-31.....	1		
Gratiot.....	Dec. 1-Feb. 28.....	10		
Houghton.....	Feb. 1-28.....	5		
Huron.....	Jan. 1-31.....	8		
Ingham.....	Dec. 1-Feb. 28.....	3		
Ionia.....	Jan. 1-Feb. 28.....	19		
Isabella.....	Dec. 1-Feb. 28.....	14		
Kalamazoo.....	Dec. 1-Jan. 31.....	6		
Keweenaw.....	Dec. 1-Feb. 28.....	16		
Lake.....	Dec. 1-31.....	3		
Lapeer.....	Dec. 1-31.....	1		
Leelanau.....	Jan. 1-31.....	2		
Livingston.....	Feb. 1-28.....	1		
Mackinac.....	Feb. 1-28.....	4		
Macomb.....	Feb. 1-28.....	7		
Marquette.....	Dec. 1-Jan. 31.....	10		
Midland.....	Dec. 1-31.....	3		
Missaukee.....	Dec. 1-31.....	3		
Monroe.....	Dec. 1-31.....	2		
Muskegon.....	Jan. 1-31.....	1		
Newaygo.....	Jan. 1-31.....	3		
Presque Isle.....	Dec. 1-31.....	1		
Saginaw.....	Dec. 1-31.....	3	3	
Saline.....	Jan. 1-Feb. 28.....	8		
St. Clair.....	Dec. 1-Feb. 28.....	7		
Washtenaw.....	Dec. 1-Jan. 31.....	3		
Wayne.....	Dec. 1-31.....	1		
Wexford.....	Dec. 1-31.....	5		
Total for State.....		342	6	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota:</b>				
Counties—				
Beltrami.....	Dec. 19-Jan. 16....	2		
Bigstone.....	Dec. 26-Jan. 1.....	1		
Blue Earth.....	Dec. 19-25.....	1		
Douglas.....	Dec. 5-Jan. 1.....	3		
Fillmore.....	Nov. 27-Dec. 4.....	1		
Hennepin.....	Dec. 3-Jan. 30.....	32		
Kandiyohi.....	Jan. 24-30.....	1		
Koochiching.....	Dec. 5-Jan. 23.....	11		
Lac qui Parle.....	Jan. 10-16.....	1		
Le Sueur.....	Dec. 26-Jan. 1.....	3		
Murray.....	Jan. 17-23.....	3		
Nobles.....	Dec. 5-25.....	3		
Norman.....	Dec. 12-Jan. 30.....	16		
Olmsted.....	Jan. 10-16.....	1		
Pipestone.....	Jan. 10-16.....	3		
Pope.....	Jan. 3-9.....	3		
Ramsey.....	Dec. 5-Jan. 16.....	86		
St. Louis.....	Nov. 27-Dec. 4.....	8		
Sibley.....	Dec. 26-Jan. 16.....	2		
Todd.....	Dec. 5-Jan. 30.....	22		
Wabasha.....	Dec. 26-Jan. 1.....	1		
Wadena.....	Dec. 26-Jan. 2.....	2		
Winona.....	Jan. 17-23.....	1		
Total for State.....		207		
<b>* Mississippi:</b>				
Biloxi.....	Mar. 13.....			Present.
<b>* Missouri:</b>				
Kansas City.....	Nov. 1-Jan. 31.....	119		
St. Joseph.....	Feb. 5-18.....	16		
St. Louis.....	Dec. 18-Mar. 11.....	26	1	
Springfield.....	Feb. 5-11.....	10		
Total for State.....		171	1	
<b>Montana:</b>				
Counties—				
Beaverhead.....	Jan. 1-31.....	1		
Cascade.....	Dec. 1-Jan. 31.....	6		
Chouteau.....	Jan. 1-31.....	1		
Custer.....	Dec. 1-Jan. 31.....	2		
Dawson.....	Nov. 1-30.....	4		
Deer Lodge.....	Nov. 1-Jan. 31.....	13	1	
Missoula.....	Jan. 1-31.....	2		
Powell.....	Jan. 1-31.....	1		
Ravalli.....	Dec. 1-31.....	3		
Silver Bow, exclusive of				
Butte.....	Nov. 1-Jan. 31.....	29		
Butte.....	Nov. 1-Jan. 31.....	41		
Teton.....	Jan. 1-31.....	1		
Total for State.....		104	1	
<b>* Nebraska:</b>				
Lincoln.....	Dec. 1-Jan. 31.....	5		
<b>New Jersey:</b>				
Counties—				
Bergen.....	Dec. 1-31.....	2		
Middlesex.....	Jan. 1-31.....	1		
Salem.....	Jan. 1-Feb. 28.....	27		
Total for State.....		30		
<b>New York:</b>				
Counties—				
Allegany.....	Nov. 1-30.....	1		
Chautauqua.....	Jan. 1-31.....	4		
Columbia.....	Jan. 1-31.....	1		
Niagara.....	Dec. 1-Jan. 31.....	2		
Onondaga.....	Jan. 1-31.....	1		
St. Lawrence.....	Feb. 1-28.....	4		
Steuben.....	Feb. 1-28.....	1		
Tioga.....	Dec. 1-31.....	1		
Tompkins.....	Nov. 1-30.....	1		
Total for State.....		16		

**SMALLPOX IN THE UNITED STATES—Continued.**  
**Reports Received from December 31, 1910, to March 31, 1911.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
<b>Counties—</b>				
Alamance.....	Jan. 1-Feb. 28.....	11		
Beaufort.....	Dec. 1-Feb. 28.....	39		
Bertie.....	Jan. 1-Feb. 28.....	2		
Bladen.....	Nov. 1-Feb. 28.....	113		
Brunswick.....	Dec. 1-Jan. 31.....	49		Feb. 1-28, present.
Burke.....	Jan. 1-Feb. 28.....	2		
Carteret.....	Nov. 1-Jan. 31.....	44		
Caswell.....	Jan. 1-31.....	9		
Chatham.....	Dec. 1-Feb. 28.....	64		
Cherokee.....	Feb. 1-28.....	15		
Cleveland.....	Jan. 1-31.....			Present.
Columbus.....	Nov. 1-Feb. 28.....	75		
Craven.....	Jan. 1-Feb. 28.....	4		
Cumberland.....	Nov. 1-Feb. 28.....	56		
Currituck.....	Jan. 1-31.....	2		
Duplin.....	Dec. 1-Feb. 28.....	30		
Durham.....	Nov. 1-Feb. 28.....	490		
Edgecombe.....	Nov. 4-Jan. 31.....	7		
Franklin.....	Nov. 1-30.....	1		
Granville.....	Dec. 1-Feb. 28.....	28		
Henderson.....	Dec. 1-Feb. 28.....	29		
Hertford.....	Dec. 1-31.....	1		
Johnston.....	Dec. 1-Feb. 28.....	6		Jan. 1-31, present.
Jones.....	Jan. 1-31.....	6		
Lee.....	Dec. 1-Feb. 28.....	8		
Lenoir.....	Jan. 1-31.....	2		
Martin.....	Nov. 1-Dec. 31.....	17		
Mecklenburg.....	Jan. 1-Feb. 28.....	7		
Nash.....	Nov. 1-30.....	6		
New Hanover.....	Nov. 1-Feb. 28.....	669		
Northampton.....	Jan. 1-31.....	12		
Onslow.....	Dec. 1-Feb. 28.....	70		
Orange.....	Jan. 1-31.....	12		Feb. 1-28, present.
Pasquotank.....	Nov. 1-30.....	1		
Pender.....	Nov. 1-Jan. 31.....	127		Do.
Person.....	Jan. 1-Feb. 28.....	2		
Pitt.....	Nov. 1-Feb. 28.....	34		
Robeson.....	Nov. 1-Jan. 31.....	160		Do.
Rowan.....	Dec. 1-Feb. 28.....	5		
Rutherford.....	Feb. 1-28.....	1		
Sampson.....	Dec. 1-Feb. 28.....	33		
Scotland.....	Feb. 1-28.....	6		
Union.....	Nov. 1-Feb. 28.....	6		
Vance.....	Jan. 1-Feb. 28.....	28		
Wake.....	Nov. 1-Feb. 28.....	48		
Washington.....	Jan. 1-31.....	2		
Watauga.....	Feb. 1-28.....	1		
Wayne.....	Dec. 1-Feb. 28.....	14		
Wilkes.....	Jan. 1-Feb. 28.....	2		
Total for State.....		2,316		
<b>North Dakota:</b>				
<b>Counties—</b>				
Billings.....	Jan. 1-Feb. 28.....	22		
Cass.....	Dec. 1-31.....	1		
Grand Forks.....	Jan. 1-31.....	1		
Lamoure.....	Feb. 1-28.....	6		
McIntosh.....	Jan. 1-Feb. 28.....	2		
Morton.....	Dec. 1-31.....	1		
Ramsey.....	Jan. 1-31.....	1		
Steele.....	Dec. 1-Jan. 31.....	19		
Stutsman.....	Jan. 1-Feb. 28.....	17		
Total for State.....		70		
<b>Ohio:</b>				
<b>Counties—</b>				
Ashland.....	Jan. 1-Feb. 28.....	2		
Clark.....	Jan. 1-31.....	51	1	
Delaware.....	Feb. 1-28.....	1		
Franklin.....	Dec. 1-Feb. 28.....	12		
Fulton.....	Jan. 1-31.....	4		
Hamilton.....	Dec. 1-Feb. 28.....	6		
Lorain.....	Dec. 1-31.....	2		
Miami.....	Feb. 1-28.....	1		
Montgomery.....	Jan. 1-Feb. 28.....	2		
Portage.....	Dec. 1-31.....	1		
Ross.....	Jan. 1-31.....	1		
Williams.....	Jan. 1-31.....	3		
Total for State.....		86	1	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oklahoma:</b>				
Counties—				
Adair.....	Nov. 1-30.....	1		
Atoka.....	Dec. 1-31.....	1		
Beckham.....	Nov. 1-Jan. 31.....	45		
Blaine.....	Nov. 1-Jan. 31.....	11		
Bryan.....	Nov. 1-Dec. 31.....	16		
Caddo.....	Nov. 1-Jan. 31.....	23		
Canadian.....	Nov. 1-Jan. 31.....	34		
Cherokee.....	Jan. 1-31.....	2		
Choctaw.....	Jan. 1-31.....	14		
Comanche.....	Jan. 1-31.....	4		
Custer.....	Dec. 1-Jan. 31.....	9		
Garfield.....	Dec. 1-31.....	1		
Grady.....	Nov. 1-Jan. 31.....	5	1	
Green.....	Nov. 1-30.....	1		
Hughes.....	Nov. 1-Jan. 31.....	25		
Jackson.....	Jan. 1-31.....	7		
Johnston.....	Jan. 1-31.....	1		
Kay.....	Dec. 1-31.....	1		
Latimer.....	Dec. 1-31.....	1		
Lincoln.....	Jan. 1-31.....	49		
McCurtain.....	Jan. 1-31.....	20		
McIntosh.....	Nov. 1-Dec. 31.....	12		
Major.....	Dec. 1-31.....	4		
Marshall.....	Nov. 1-30.....	8		
Nowata.....	Jan. 1-31.....	9		
Okfuskee.....	Jan. 1-31.....	5		
Oklahoma.....	Dec. 1-Jan. 31.....	12		
Okmulgee.....	Jan. 1-31.....	13		
Osage.....	Dec. 1-Jan. 31.....	3		
Pittsburg.....	Dec. 1-31.....	1		
Pontotoc.....	Jan. 1-31.....	2		
Pottawatomie.....	Jan. 1-31.....	6		
Seminole.....	Dec. 1-Jan. 31.....	9		
Stephens.....	Dec. 1-31.....	1		
Tulsa.....	Nov. 1-Jan. 31.....	3		
Washington.....	Dec. 1-31.....	1		
Washita.....	Nov. 1-Jan. 31.....	2		
Woods.....	Dec. 1-Jan. 31.....	11		
Total for State.....		373	1	
<b>Oregon:</b>				
Counties—				
Benton.....	Dec. 1-31.....	1		
Marion.....	Dec. 1-31.....	9	4	
Multnomah.....	Oct. 1-Nov. 30.....	8		
Folk.....	Nov. 1-30.....	1		
Umatilla.....	Dec. 1-31.....	1		
Total for State.....		20	4	
<b>Pennsylvania, entire State.....</b>				
	Oct. 1-31.....			No cases.
	Nov. 1-Dec. 31.....	3		
<b>* South Carolina:</b>				
Camden.....	Jan. 15-21.....	1		
Charleston.....	Feb. 1-28.....	1		
Seven Mile.....	Mar. 1.....	9	1	
Total for State.....		11	1	
<b>* Tennessee:</b>				
Counties—				
Davidson—				
Nashville.....	Jan. 8-Mar 18.....	6		
Hamilton—				
Chattanooga.....	Jan. 1-Feb. 18.....	7	1	
Knox—				
Knoxville.....	Jan. 22-Mar. 18.....	24		
Shelby.....	Nov. 1-Dec. 31.....	254	2	
Total for State.....		291	3	
<b>Texas:</b>				
Counties—				
Bell.....	Feb. 1-28.....	1		
Cameron.....	Nov. 1-Feb. 28.....	68		
Cherokee.....	Jan. 1-Feb. 28.....	4		
Collin.....	Jan. 1-31.....	20		
Dallas.....	Dec. 1-31.....	24		



**SMALLPOX IN THE UNITED STATES—Continued.**  
**Reports Received from December 31, 1910, to March 31, 1911.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Texas—Continued.</b>				
<b>Counties—Continued.</b>				
Dewitt.....	Feb. 1-28.....	4		
El Paso.....	Jan. 1-Feb. 28.....	48	3	
Grimes.....	Nov. 1-30.....	4		
Guadalupe.....	Jan. 1-31.....	5	2	
Henderson.....	Nov. 1-Feb. 28.....	15		
Hidalgo.....	Dec. 1-31.....	1		
Jones.....	Jan. 1-31.....	3		
McLennan.....	Nov. 1-Feb. 28.....	11		
Waco.....	Jan. 1-31.....	7		
Marion.....	Dec. 1-Feb. 28.....	18		
Matagorda.....	Jan. 1-31.....	5		
Nueces.....	Jan. 1-Feb. 28.....	4		
Orange.....	Jan. 1-Feb. 28.....	9		
Runnels.....	Jan. 1-31.....	1		
Swisher.....	Dec. 1-31.....	2		
Tarrant.....	Dec. 1-Feb. 28.....	9		
Taylor.....	Jan. 1-31.....	1		
Uvalde.....	Jan. 1-31.....	1		
Van Zant.....	Feb. 1-28.....	1		
Wills Point.....	Nov. 1-Jan. 31.....	8	1	
Total for State.....		274	6	
<b>Utah:</b>				
<b>Counties—</b>				
Beaver.....	Nov. 1-Jan. 31.....	106		
Boxelder.....	Jan. 1-31.....	20		
Cache.....	Nov. 1-30.....	8		
Davis.....	Dec. 1-Jan. 31.....	4		
Iron.....	Nov. 1-Jan. 31.....	79		
Juab.....	Nov. 1-Jan. 31.....	8		
Millard.....	Nov. 1-Jan. 31.....	36		
Plute.....	Jan. 1-31.....	14		
Salt Lake.....	Nov. 1-Jan. 31.....	67		
Sanpete.....	Dec. 1-31.....	1		
Sevier.....	Dec. 1-31.....	30		
Utah.....	Jan. 1-31.....	22		
Washington.....	Nov. 1-Jan. 31.....	49		
Weber.....	Nov. 1-Jan. 31.....	19		
Total for State.....		463		
<b>Virginia:</b>				
<b>Counties—</b>				
Appomattox.....	Jan. 1-31.....	3		
Alexandria.....	Jan. 1-31.....	5		
Culpeper.....	Jan. 1-31.....	3		
Dinwiddie.....	Jan. 1-31.....	1		
Fairfax.....	Jan. 1-31.....	2		
Fauquier.....	Jan. 1-31.....	12		
Frederick.....	Jan. 1-31.....	4		
Lee.....	Jan. 1-31.....	229		
Loudoun.....	Jan. 1-31.....	1		
Lunenburg.....	Jan. 1-31.....	8		
Nansemond.....	Jan. 1-31.....	4		
Roanoke.....	Jan. 1-31.....	1		
Southampton.....	Jan. 1-31.....	1		
Stafford.....	Jan. 1-31.....	10		
Wise.....	Jan. 1-31.....	7		
Total for State.....		291		
<b>Washington:</b>				
<b>Counties—</b>				
Chelan.....	Jan. 1-31.....	1		
Clallam.....	Jan. 1-31.....	12		
Ferry.....	Jan. 1-31.....	1		
King.....	Dec. 1-Jan. 31.....	43		
Pacific.....	Jan. 1-31.....	1		
Pierce.....	Dec. 1-Jan. 31.....	9		
Skagit.....	Nov. 1-Jan. 31.....	105		
Snohomish.....	Dec. 1-Jan. 31.....	10		
Spokane.....	Nov. 1-Jan. 31.....	3		
Stevens.....	Dec. 1-31.....	1		
Walla Walla.....	Jan. 1-31.....	1		
Whatcom.....	Jan. 1-31.....	21		
Yakima.....	Jan. 1-31.....	1		
Total for State.....		209		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin:</b>				
<b>Counties—</b>				
Ashland.....	Jan. 1-Feb. 28.....	6	.....	
Barron.....	Jan. 1-31.....	3	.....	
Buffalo.....	Feb. 1-28.....	1	.....	
Chippewa.....	Dec. 1-Feb. 28.....	6	.....	
Dane.....	Jan. 1-31.....	2	.....	
Douglas.....	Feb. 1-28.....	1	.....	
Dunn.....	Dec. 1-Feb. 28.....	13	.....	
Eau Claire.....	Feb. 1-28.....	4	.....	
Green.....	Jan. 1-31.....	2	.....	
Iowa.....	Dec. 1-Feb. 28.....	46	.....	
Jefferson.....	Dec. 1-Jan. 31.....	10	.....	
Lafayette.....	Dec. 1-Feb. 28.....	11	.....	
La Crosse.....	Dec. 1-Feb. 28.....	4	.....	
Lincoln.....	Feb. 1-28.....	1	.....	
Milwaukee.....	Dec. 1-Feb. 28.....	10	.....	
Oneida.....	Dec. 1-Feb. 28.....	5	.....	
Pierce.....	Feb. 1-28.....	1	.....	
St. Croix.....	Dec. 1-Feb. 28.....	7	.....	
Vernon.....	Jan. 1-Feb. 28.....	10	.....	
Vilas.....	Dec. 1-31.....	1	.....	
Walworth.....	Jan. 1-31.....	1	.....	
Washington.....	Dec. 1-31.....	1	.....	
Total for State.....		146	.....	
Grand total for the United States.....		8,060	33	

## MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED MARCH 18, 1911.

Cities.	Popula- tion, United States census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having over 500,000 inhabitants.														
Baltimore, Md.....	558,485	235	31	1	260	8	32	1	34	30	9	2		
Boston, Mass.....	670,585	275	42	2	133	1	48	6	60	29	8	.....		
Chicago, Ill.....	2,185,283	696	138	18	230	2	153	14	177	75	11	5		
Cleveland, Ohio.....	560,663	161	26	2	95	.....	102	1	35	16	6	.....		
New York, N. Y.....	4,766,883	1,633	358	34	673	17	539	31	626	164	19	4		
Philadelphia, Pa.....	1,549,008	590	73	17	704	9	47	8	83	63	17	5		
Pittsburg, Pa.....	533,905	173	16	.....	54	2	12	.....	31	22	9	2		
St. Louis, Mo.....	687,029	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Cities having from 300,000 to 500,000 inhabitants.														
Buffalo, N. Y.....	423,715	125	13	4	12	.....	38	3	19	15	21	3		
Cincinnati, Ohio.....	364,463	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Detroit, Mich.....	465,766	152	26	1	.....	.....	20	1	6	9	1	.....		
Los Angeles, Cal.....	319,198	118	6	.....	24	.....	21	1	18	23	3	.....		
Milwaukee, Wis.....	373,857	122	26	3	18	3	38	1	17	12	8	.....		
Minneapolis, Minn.....	301,408	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Newark, N. J.....	347,469	110	32	3	.....	.....	44	1	28	19	1	.....		
New Orleans, La.....	339,075	153	15	1	223	4	15	13	61	20	6	1		
San Francisco, Cal.....	416,912	134	4	.....	39	1	24	.....	31	17	3	.....		
Washington, D. C.....	331,069	143	10	.....	110	2	11	2	26	14	5	.....		

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended  
March 18, 1911—Continued.

Cities.	Popula- tion, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 200,000 to 300,000 inhabitants.														
Denver, Colo.	213,381	80	10	1	335	2	14	1	37			23		
Indianapolis, Ind.	233,650													
Jersey City, N. J.	267,779													
Kansas City, Mo.	248,381													
Louisville, Ky.	223,928													
Portland, Oreg.	207,214													
Providence, R. I.	224,326	86	5				11	1			7	17		
Rochester, N. Y.	218,149													
St. Paul, Minn.	214,744													
Seattle, Wash.	237,194	50	1		94		6	1	17		4	6		
Cities having from 100,000 to 200,000 inhabitants.														
Albany, N. Y.	100,253													
Atlanta, Ga.	154,839													
Birmingham, Ala.	132,685													
Bridgeport, Conn.	102,054	22			11		3				1	4		
Cambridge, Mass.	104,839	32	9		17		16	1			7	3	1	1
Columbus, Ohio.	181,548	55			17		4				16	4	3	1
Dayton, Ohio.	116,577	34	1		1		1				5	1		
Fall River, Mass.	119,295	57	4	1	46	3	6				11	10	2	
Grand Rapids, Mich.	112,571	44			100		11				1	4	11	1
Lowell, Mass.	106,294	31	2	2	1						8	1		
Memphis, Tenn.	131,105													
Nashville, Tenn.	110,364	59			17	1	2	1	1		5	5	1	
New Haven, Conn.	133,605													
Oakland, Cal.	150,174	49	3		4		3				5	3	2	2
Omaha, Nebr.	124,096													
Paterson, N. J.	125,600													
Richmond, Va.	127,628													
Scranton, Pa.	129,867													
Spokane, Wash.	104,402	28			40		5		1		2			
Syracuse, N. Y.	137,249													
Toledo, Ohio.	168,497	59	9	1	1		5		1		2	4	2	1
Worcester, Mass.	145,986	64	7		6	1	9	2			11	4	2	
Cities having from 50,000 to 100,000 inhabitants.														
Akron, Ohio.	69,067													
Allentown, Pa.	51,913													
Altoona, Pa.	52,127	13	2											
Bayonne, N. J.	55,545		6		31		6				1			
Brookton, Mass.	56,878	15			5		4				8	2		
Camden, N. J.	94,538		2	1	4		1				2			
Canton, Ohio.	50,217													
Charleston, S. C.	58,833													
Covington, Ky.	53,270	11	1		1		1				1	2		
Dallas, Tex.	92,104													
Des Moines, Iowa.	86,368						1		1					
Duluth, Minn.	78,466				2		12				1	3	1	
East St. Louis, Ill.	58,547													
Elizabeth, N. J.	73,409	21	1	1			12	1			3			
Erie, Pa.	66,525													
Evansville, Ind.	69,647	19	3	1	92	1					4	4	4	
Fort Wayne, Ind.	63,933	21	2				3				2	2		
Fort Worth, Tex.	73,312													
Harrisburg, Pa.	64,186	16	8		1		2		1		12	2		
Hartford, Conn.	98,915													
Hoboken, N. J.	70,324		3		35		2				1			
Holyoke, Mass.	57,730													
Houston, Tex.	78,800	31	1								6			1
Jacksonville, Fla.	57,699	32			13	2	9		7		1	1	2	
Johnstown, Pa.	55,482		1		6		2				11	2		
Kansas City, Kans.	82,331	19			3		2		6		1	2		
Lawrence, Mass.	85,892	22	4		4	1					1	2		





## MORBIDITY AND MORTALITY—Continued.

*Weekly morbidity and mortality table, cities of the United States, for week ended March 18, 1911—Continued.*

Cities.	Popula- tion, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 25,000 to 50,000 inhabitants—Con.														
El Paso, Tex.	39,279													
Everett, Mass.	33,484				1							2	2	
Fitchburg, Mass.	37,826	5	3											
Flint, Mich.	38,550													
Galveston, Tex.	36,981													
Green Bay, Wis.	25,236													
Hamilton, Ohio	35,279													
Haverhill, Mass.	44,115	16	1				3					1		
Hazleton, Pa.	25,432		3											
Huntington, W. Va.	31,161													
Jackson, Mich.	31,433													
Jamestown, N. Y.	31,297													
Joliet, Ill.	34,670													
Jeplin, Mo.	32,073													
Kalamazoo, Mich.	39,437	20			19		1					1	1	
Kingston, N. Y.	25,908													
Knoxville, Tenn.	36,346	11			31				6			3		1
La Crosse, Wis.	30,417	15	1		6		2		2			2		
Lancaster, Pa.	47,227	19	4		1		1					1	3	
Lansing, Mich.	31,229													
Lewiston, Me.	26,247													
Lexington, Ky.	35,099	17			3		1	1	1			2		
Lima, Ohio.	30,508													
Lincoln, Nebr.	43,973													
Little Rock, Ark.	45,941													
Lorain, Ohio.	28,883													
Lynchburg, Va.	29,494	8	1									2		1
Macon, Ga.	40,665													
Madison, Wis.	25,531													
Malden, Mass.	44,404	16	2	1	4		1					2		
McKeesport, Pa.	42,674													
Meriden, Conn.	27,265													
Montgomery, Ala.	38,136	18			46							2	1	
Mount Vernon, N. Y.	30,919	9			1		5							
Muskogee, Okla.	25,278													
Nashua, N. H.	26,005													
Newark, Ohio.	25,404													
New Britain, Conn.	43,916													
Newburgh, N. Y.	27,805													
Newcastle, Pa.	36,280							1						1
Newport, Ky.	30,309							2				1	1	
Newport, R. I.	27,149	10												
New Rochelle, N. Y.	28,867													
Newton, Mass.	39,806	11	11				1						1	
Niagara Falls, N. Y.	30,445	17	4										16	2
Norristown, Pa.	27,875	10	2		7		2					3	1	3
Ogden, Utah.	25,580													
Orange, N. J.	29,630	11	2		3		2					1	1	1
Oshkosh, Wis.	33,062													
Pasadena, Cal.	30,291	13												
Perth Amboy, N. J.	32,121													
Pittsfield, Mass.	32,121	8										2	2	
Portsmouth, Va.	33,190	9			21		2		2					
Poughkeepsie, N. Y.	27,936	17			14		9					1	1	1
Pueblo, Colo.	44,395													
Quincy, Ill.	36,587													
Quincy, Mass.	32,642													
Racine, Wis.	38,002	10	2	1			3					1		1
Roanoke, Va.	34,874	11			2							1	3	1
Rockford, Ill.	45,401													
Sacramento, Cal.	44,696	12										2	1	
Salem, Mass.	43,697	16		1								3		
San Diego, Cal.	39,578													
San Jose, Cal.	28,946	8					1							3
Sheboygan, Wis.	26,398													
Shenandoah, Pa.	25,774													
Shreveport, La.	28,015													
Sioux City, Iowa.	47,828		2				3		5					
South Omaha, Nebr.	26,259													

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended  
March 18, 1911—Continued.

Cities.	Popula- tion, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having from 25,000 to 50,000 inhabitants—Con.</i>														
Springfield, Mo.	35,201													
Springfield, Ohio.	46,921						1		2		6		1	
Stamford, Conn.	25,138													
Superior, Wis.	40,384	11							2			1		
Tampa, Fla.	37,782													
Taunton, Mass.	34,259	12					3							
Topeka, Kans.	43,684													
Waco, Tex.	26,425													
Waltham, Mass.	27,834	13	3										2	
Warwick, R. I.	26,629													
Waterloo, Iowa.	26,693													
Watertown, N. Y.	26,730													
West Hoboken, N. J.	35,403													
Wheeling, W. Va.	41,641	16			3						2	1	1	
Williamsport, Pa.	31,860	9					3							
Wilmington, N. C.	25,748													
Woonsocket, R. I.	38,125													
York, Pa.	44,750	11	4				1							
Zanesville, Ohio.	28,026	6										1	13	1
<i>Cities having less than 25,000 inhabitants.</i>														
Ann Arbor, Mich.	14,817	4			5							1		
Ashtabula, Ohio.	18,266	5												
Beaver Falls, Pa.	12,191	0			8						1		2	
Bennington, Vt.	8,698	11			1									
Biddeford, Me.	17,079	12										2		
Braddock, Pa.	19,357	6	1		18							2		
Butler, Pa.	20,728	7	1		16									
Cambridge, Ohio.	11,327	2												
Camden, S. C.		3					1							
Carbondale, Pa.	17,040	5												
Clinton, Mass.	13,075	3	1											
Coffeyville, Kans.	12,687	2							1		1			
Columbus, Ga.	20,554	9												
Columbus, Ind.		4										1		
Concord, N. J.	21,497	5	2		3								1	1
Cumberland, Md.	21,839	9										2	1	1
Dunkirk, N. Y.		4	1				1							
Freeport, Ill.	17,567	5					2							
Galesburg, Ill.	20,089	2					1							
Gloucester, Mass.	24,398	10										1		
Greensboro, N. C.	15,895													
Harrison, N. J.	14,498	3	1											
Homestead, Pa.	18,713	3			2									
Hyde Park, Mass.	15,507	4												
Kearny, N. J.	18,659	7									1			
Kokomo, Ind.	17,010													
Lafayette, Ind.	20,081	6							1					
Lebanon, Pa.	19,240	6									6	2	1	1
Manistee, Mich.	12,381													
Manitowoc, Wis.	13,027	4									3	1		
Marquette, Wis.	14,610	3									1	1	1	
Marlboro, Mass.	14,579	5												
Massillon, Ohio.	13,879	4	2	1	4		5							
Medford, Mass.	23,150	9	1								1	1		
Melrose, Mass.	15,715	4	4		1								2	
Moline, Ill.	24,199	7	3		14		7		1					
Montclair, N. J.	21,550	4			2		1					1		
Nanticoke, Pa.	18,877	4	3								3			
Newburyport, Mass.	14,949	4										1		
North Adams, Mass.	22,019	6			2							1	1	
Northampton, Mass.	19,431	13	1								2	1	1	
Ottumwa, Iowa.	22,012	12										1		
Paducah, Ky.	22,760	15			18		1		3			4		

## MORBIDITY AND MORTALITY—Continued.

*Weekly morbidity and mortality table, cities of the United States, for week ended March 18, 1911—Continued.*

Cities.	Popula- tion, United States, census 1910	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having less than 25,000 inhabitants—Con.</i>														
Palmer, Mass.		4	1											
Peekskill, N. Y.		5										1		1
Plainfield, N. J.	20,550		1		1		4	1			2			
Portsmouth, N. H.	11,209				29		2							
Rock Island, Ill.		14	4		15								38	4
Rutland, Vt.	13,546	3	1											
Saratoga Springs, N. Y.		6	1										2	1
South Bethlehem, Pa.	19,973	8									2		1	
Steelton, Pa.	14,246	4	1								1			
Warren, Ohio.	11,081	2	1		1									
Wilkinsburg, Pa.	18,924	6									2			
Woburn, Mass.	15,308	5	4	1								1		

## STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

**FLORIDA.**—Week ended March 18, 1911. Reports from the State board of health show diphtheria present in 1 locality with 1 case, smallpox in 12 counties with 103 cases, malaria in 4 localities with 53 cases, tuberculosis in 9 localities with 14 cases, typhoid fever in 7 localities with 10 cases.

**INDIANA.**—Month of January, 1911. Population, 2,700,876. Total number of deaths from all causes 3,259, including diphtheria 35, measles 17, scarlet fever 26, tuberculosis 389, typhoid fever 39. Cases reported: Diphtheria 279 in 51 counties, scarlet fever 818 in 54 counties, smallpox 155 in 12 counties, typhoid fever 115 in 35 counties.

**KANSAS.**—Month of January, 1911. Population, 1,690,949. Total number of deaths from all causes not reported. Deaths from contagious diseases include diphtheria 6, measles 5, scarlet fever 19, tuberculosis 55, typhoid fever 10. Cases reported: Diphtheria 92, measles 787, scarlet fever 579, smallpox 160, tuberculosis 258, typhoid fever 46.

**MARYLAND.**—Month of December, 1910. Population, 1,295,346. Total number of deaths from all causes 1,043, including diphtheria 22, measles 2, scarlet fever 1, tuberculosis 101, typhoid fever 38. Cases reported: Diphtheria 76, measles 70, scarlet fever 54, typhoid fever 246.

Typhoid fever was distributed as follows: Potomac River watershed 114 cases, Patapsco River watershed 11 cases, Patuxent River

watershed 2 cases, Choptank River watershed 2 cases, Herring Run watershed 3 cases, Baltimore city water system 7 cases. Three epidemic centers were reported, viz, Cumberland, Allegany County (91 cases), Eastport, Anne Arundel County (5 cases), and New Market, Frederick County (7 cases).

NEBRASKA—*South Omaha*.—Month of February, 1911. Population, 26,259. Total number of deaths from all causes 45, including tuberculosis 1. Cases reported: Diphtheria 2, smallpox 9, tuberculosis 1.

NEW YORK—*Troy*.—Month of February, 1911. Population, 76,813. Total number of deaths from all causes 149, including diphtheria 3, scarlet fever 8, tuberculosis 21, typhoid fever 1. Cases reported: Diphtheria 16, measles 7, scarlet fever 14, tuberculosis 12, typhoid fever 3.

NORTH CAROLINA.—Month of December, 1910. Reports from the State board of health show diphtheria present in 38 counties, measles in 13 counties, scarlet fever in 30 counties, smallpox in 23 counties, typhoid fever in 35 counties, malarial fever in 3 counties, pernicious malarial fever in 4 counties, hemorrhagic malarial fever in 3 counties.

OREGON.—Month of October, 1910. Population, 672,765. Total number of deaths from all causes 504, including diphtheria 2, tuberculosis 22, typhoid fever 6. Cases reported: Diphtheria 54, measles 42, scarlet fever 45, smallpox 7, tuberculosis 30, typhoid fever 66.

Month of November, 1910. Total number of deaths from all causes 487, including diphtheria 6, scarlet fever 6, tuberculosis 38, typhoid fever 23. Cases reported: Diphtheria 45, measles 66, scarlet fever 76, smallpox 2, tuberculosis 24, typhoid fever 93.

Month of December, 1910. Total number of deaths from all causes 543, including diphtheria 4, scarlet fever 4, smallpox 4, tuberculosis 43, typhoid fever 17. Cases reported: Diphtheria 36, measles 150, scarlet fever 70, smallpox 11, tuberculosis 32, typhoid fever 73.

TEXAS.—Month of December, 1910. Population, 3,896,542. Total number of deaths from all causes 2,048, including diphtheria 38, measles 2, scarlet fever 4, tuberculosis 210, typhoid fever 69.

UTAH.—Month of February, 1911. Population, 373,351. Total number of deaths from all causes 307, including diphtheria 6, measles 2, scarlet fever 5, tuberculosis 16, typhoid fever 3. Cases reported: Diphtheria 52, measles 1,032, scarlet fever 232, smallpox 151, tuberculosis 12, typhoid fever 23.

# FOREIGN AND INSULAR.

## MODIFICATION OF RESTRICTIONS ON ACCOUNT OF CHOLERA.

The Department of State was requested on April 1 to cable to consular officers in Germany, Belgium, Holland, Great Britain, France, Italy, and Austria-Hungary to discontinue the detention of emigrants for the United States at foreign ports of departure on account of cholera, unless said emigrants came from cholera-infected districts.

### ARABIA.

#### MASKAT—Plague.

The American consul reported April 1 the presence of plague at Maskat.

### CANADA.

#### OTTAWA—Further Relative to Typhoid Fever Outbreak.

Consul General Foster reports March 20:

During the week ended January 7 there were reported 8 cases of typhoid fever; during the week ended January 14, 16 cases; and during the weeks ended January 21 and 28, 65 and 284 cases, respectively. During the month of February 385 cases were reported, and for the weeks ended March 4, 11, and 18, there were 81, 66, and 33 cases, making a total since the beginning of the outbreak of 938 cases with 194 deaths. There are at present 194 cases in the several hospitals of the city. The number of cases not in hospital is not obtainable.

A thorough investigation is being conducted by the health officer of the Dominion conservation commission.

### CHINA.

#### HARBIN—Status of Plague.

Consul Greene reports February 28:

During the week ended February 25 the number of plague deaths in the city of Harbin showed only a slight decline as compared with the previous week, the daily average being 11.9 instead of 12.5. In Fuchiatien the change for the better was very marked, the average mortality per day being 8.7 as compared with 30 in the previous week. On February 25 the number of deaths was 2 in Harbin and 3 in Fuchiatien.

The totals for the week, according to the Chinese and Russian official returns, are as follows:

	Feb. 19-25, 1911.	Total since beginning Nov. 8, 1910.
Harbin.....	183	21,458
Bodies found outside city.....	9	
Fuchiatien.....	61	5,025
Total.....	153	6,483

<sup>1</sup> 2 Europeans.

<sup>2</sup> 37 Europeans.



The total of 1,458 for Harbin includes 195 bodies found in the city and 324 bodies found in the suburbs. Both Europeans who died during the week were connected with the plague staff.

It is impossible to obtain accurate reports of the total plague mortality in this consular district outside of Harbin and Fuchiatien, but fragmentary reports are received through Chinese official sources from Pinchow, Shuanchengpu, Asiho, Yushuting, Hulan, and Suihuaifu. The situation at Suanchengpu is admitted to be very serious. The official reports place the number of deaths to February 8 at 2,338, a report of February 18 gives an additional number of not less than 900, and it appears that from 100 to 150 deaths have been recently occurring daily. It is estimated that about 5,000 deaths have occurred. Official reports from Hulan show that about 600 bodies have been burned. Reference is made to 929 burials and the number of plague deaths for the week ended February 20 is given as 33. At Suihuaifu and Tunken the situation is reported as serious, but no figures are given for those localities.

#### ECUADOR.

##### Plague and Yellow Fever.

The following information is taken from sanitary bulletins issued by the director of public health of Ecuador:

Month of February, 1911:

*Plague.*—At Guayaquil there were reported 36 cases with 11 deaths, and at Milagro 2 new cases.

*Yellow fever.*—At Guayaquil there were reported 51 cases with 15 deaths.

#### GREAT BRITAIN.

##### SHEFFIELD—Epidemic Measles.

Consul Daniels reports March 14:

Epidemic measles is still raging in Sheffield. The total number of deaths from this disease registered during the past week was 96, an increase of 11 over the number registered during the week ended March 4 and an increase of 26 in the number for the fortnight ended March 14. The health officer states that the great majority of the deaths occurred among children under 3 years of age and the proportion was large in children under 1 year. More than a third of the deaths have occurred in the district inhabited by the poorest class in the city.

The following table shows the spread of measles during the past six weeks:

Week ended—	Deaths.
Feb. 4.....	32
Feb. 11.....	52
Feb. 18.....	69
Feb. 25.....	70
Mar. 4.....	85
Mar. 11.....	96

The origin of the outbreak has not been determined. For a number of years epidemic measles has occurred in Sheffield every two years. The present epidemic is unusually violent. The total number of cases that have occurred can not be determined, as notification



of cases of measles is not required, only fatal cases being reported. The total number of deaths from all causes during the week ended March 14 was 212, the weekly average for the year 1910 being 123. Of this number 55 deaths were of children under 1 year of age and 81 between 1 year and 5 years.

#### [GREECE.

##### [Cerebrospinal Meningitis—Inspection of Emigrants.

A medical officer has been detailed to assist the American consul general at Piræus, Greece, in the inspection and detention of emigrants for the United States departing from districts where cerebrospinal meningitis exists. An additional physician was authorized for similar duty at Patras, Greece. Arrangements are being effected for the departure of all emigrants from Greece at either the port of Piræus or Patras, and their detention under inspection by the medical officers attached to the American consulates.<sup>a</sup>

#### HAWAII.

##### Cholera Outbreak at Honolulu Terminated.

The last case of cholera in Honolulu was reported on March 14. From February 25, when the first case was reported, to March 14, 1911, the date of the last case, there had been reported a total of 31 cases with 22 deaths. Twenty-four days having elapsed since the occurrence of the last case, Honolulu may properly be considered to no longer harbor the disease.

##### Record of Plague Infection.

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, December 17, 1910, and 2 fatal cases were reported January 31, 1911.

The last plague-infected rat was found at Honokaa February 2, 1911.

Passed Assistant Surgeon Ramus reports in regard to plague-prevention work, March 13:

#### Honolulu.

##### Week ended March 11, 1911.

Total rats and mongoose taken.....	742
Rats trapped.....	719
Mongoose trapped.....	23
Examined bacteriologically.....	649
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	101
<i>Mus musculus</i> .....	226
<i>Mus norvegicus</i> .....	49
<i>Mus rattus</i> .....	343
Average number of traps set daily.....	1,720

<sup>a</sup> See Public Health Reports, March 31, 1911, page 434.

## INDIA.

## BOMBAY—Precautions Against Plague.

Consul General Michael at Calcutta reports March 2:

There was a slight increase in plague throughout India during the past week. The health officer of Bombay has addressed a letter to the press calling attention to the increase of plague in that city and asking for the cooperation of the public in measures to prevent the spread of the disease. Free inoculation against plague is provided at 10 dispensaries, where it is administered by duly qualified and specially instructed physicians. Facilities are also provided for inoculations at private houses.

## CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports March 1:

During the week ended February 11 there were reported 46 deaths from cholera, 13 from plague, and 2 from smallpox in Calcutta; in all Bengal, 3,097 cases of plague with 2,994 deaths; in all India, 24,715 cases of plague with 22,278 deaths.

## ITALY.

## NAPLES—Examination of Emigrants—Smallpox.

Passed Asst. Surg. King reports March 13:

Vessels inspected at Naples and Palermo week ended March 11.

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Mar. 5	San Giorgio.....	New York.....	618	35	670
8	Cincinnati.....	do.....	1,585	130	2,250
9	Cretic.....	do.....	889	60	1,050
9	Europa.....	do.....	1,205	150	1,280
10	Berlin.....	do.....	1,788	160	2,590
10	Italia.....	do.....	468	75	720
	Total.....		6,551	610	8,550

## PALERMO.

Mar. 6	San Giorgio.....	New York.....	332	450	300
10	Cretic.....	do.....	69	150	75
11	Italia.....	do.....	606	700	400
	Total.....		1,007	1,300	775

## Rejections recommended.

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Mar. 5	San Giorgio.....	14	2	3		3	22
8	Cincinnati.....	30	4	21		6	61
9	Cretic.....	26	1	15	1	3	46
9	Europa.....	32	2	16		8	58
10	Berlin.....	36	3	21		10	70
10	Italia.....	15	1	4		6	26
	Total.....	153	13	80	1	36	283

*Rejections recommended—Continued.*

## PALERMO.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Mar. 6	San Giorgio.....	18	.....	27	.....	3	48
10	Cretic.....	6	.....	5	.....	1	12
11	Italia.....	29	.....	28	.....	3	60
	Total.....	53	.....	60	.....	7	120

*Smallpox in Naples.*—During the week ended March 11 there were reported at the health office of the city of Naples 47 cases of smallpox with 1 death.

## JAVA.

## BATAVIA—Plague on Steamship.

Consul Rairden reports February 20:

During the week ended February 18 a steamship arrived from Jiddah with pilgrims on board. Plague having broken out on the vessel during the voyage, the pilgrims were landed at the quarantine station on an island about 10 miles distant from Batavia and the vessel was kept in quarantine for 5 days. No further cases having appeared on board, the vessel was allowed to enter the harbor, and the pilgrims will be allowed to land at Batavia at the expiration of 10 days.

## PERU.

## CALLAO—Plague—Status of Plague in Peru.

Acting Assistant Surgeon Castro-Gutierrez reports, March 13:

The following statement of plague in Peru was received from the director of public health:

*Month of January, 1911.*

Locality.	Cases remaining Dec. 31, 1910.	New cases.	Recovered.	Died.	Remaining Jan. 31, 1911.
Department:					
Arequipa.....	6	14	7	4	9
Callao.....		2			2
Lambeyque.....	1	17	4	12	2
Libertad.....	8	48	11	27	18
Lima.....	2	8	1	5	4
Piura.....	2	20	.....	8	17

<sup>1</sup> Unknown.

At Lima, for the period from February 19 to March 4, there were reported 8 new cases of plague, with 3 deaths.

Plague is present in epidemic form at Catacaos and Piura, and many cases are reported in the Chicama Valley.

Bills of health from ports south of Callao show as follows: Mollendo, Peru (Mar. 8), 2 cases of plague in preceding two weeks; Arica, Chile (Mar. 7), plague present; Iquique, Chile (Mar. 6), present in preceding two weeks; Valparaiso, Chile (Mar. 2), smallpox present.

**TRINIDAD.****Plague.**

The American consul reported, April 1, the occurrence of a case of plague in Trinidad.

**TURKEY.****MEDINA—Cholera.**

A bulletin issued by the superior council of health of Constantinople, dated March 13, shows a total of 667 deaths from cholera from January 4 to date.

**MERSINE—Epidemic cerebrospinal meningitis.**

Consul Nathan reports, March 14, the presence of cerebrospinal meningitis in epidemic form at Mersine.

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.****Reports Received During Week Ended April 7, 1911.**

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

**CHOLERA.**

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras presidency.....	Jan. 1-31.....	7,028	3,943	
Indo-China:				
Saigon.....	Feb. 12-18.....	1	1	
Java:				
Samarang.....	Dec. 21-Jan. 25....	18	18	
Soerabaya.....	Dec. 25-Jan. 28....	2		Total Jan. 26-Feb. 8: Cases, 39; deaths, 4.
Madeira:				
Camara dos Lobos.....	Jan. 26-Feb. 8.....	1		
Funchal.....	Jan. 26-Feb. 8.....	7	2	
Machico.....	Jan. 26-Feb. 8.....	4		
Ponto do Sol.....	Jan. 26-Feb. 8.....	24		
Russia:				
Kief.....	Jan. 29-Feb. 4.....	1	1	
Turkey in Asia:				
Medina.....	Jan. 4-31.....		667	

**YELLOW FEVER.**

Brazil:				
Manaos.....	Feb. 26-Mar. 4.....		7	
Para.....	Mar. 5-11.....	2	1	
Ecuador:				
Guayaquil.....	Feb. 16-28.....	24	9	

**PLAGUE.**

Arabia:				
Maskat.....	Apr. 1.....			Present.
Brazil:				
Rio de Janeiro.....	Dec. 1-31.....	7		
	Jan. 1-31.....	12	9	
Chile:				
Arica.....	Mar. 7.....			Present.
Iquique.....	Feb. 11-25.....	13	2	Mar. 6, present.
China:				
Tientsin.....	Feb. 29-Mar. 4....	8	2	Total to Feb. 20: Cases 60.
Manchuria—				
Harbin.....	Feb. 19-25.....		92	Europeans, 2.
Fuchiatien.....	Feb. 19-25.....		153	
Fengtien <sup>a</sup> .....	To Feb. 22.....	3,229		
Kirin and Heilungkian				
Province <sup>b</sup> .....	To Feb. 22.....	19,403		

<sup>a</sup> Bulletin Quarantenaire d'Egypte, Mar. 9, 1911.

<sup>b</sup> From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Mar. 8, 1911.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended April 7, 1911.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil.....	Feb. 16-28.....	18	4	
India:				
Kurrachee.....	Feb. 19-25.....	65	63	
Rangoon.....	Feb. 12-18.....	27	22	
Indo-China:				
Saigon.....	Feb. 6-12.....	1		
Japan:				
Formosa.....	Feb. 19-25.....	3	3	
Java:				
Batavia.....	Feb. 18.....			Present among pilgrims on Ya steamer from Jiddah in quarantine 10 miles distant.
Peru:				
Departments—				
Arequipa.....	Jan. 1-31.....	14	4	Mollendo, Mar. 8: Cases deaths 1.
Callao.....	Jan. 1-31.....	2		
Lambayeque.....	Jan. 1-31.....	17	12	
Libertad.....	Jan. 1-31.....	48	27	Mar. 11, present in Chicama Valley.
Lima.....	Jan. 1-31.....	8	5	Lima, Feb. 19, Mar. 4: Cases 8, deaths 3.
Piura.....	Jan. 1-31.....	20	8	Paita Mar. 11, 1 case. Catacaos and Piura epidemic.
Russia:				
Kirghiz-Steppe.....	Feb. 16-23.....	7	7	
Trinidad.....	Apr. 1.....	1		
Turkey in Asia:				
Jiddah.....	Feb. 5.....	1		Mar. 18, present.

## SMALLPOX.

Arabia:				
Aden.....	Jan. 17-Feb. 20....	57	3	
Brazil:				
Para.....	Mar. 5-11.....	9	3	
Rio de Janeiro.....	Dec. 1-31.....	3		
	Jan. 1-31.....	4	2	
Canada:				
Fernie.....	Mar. 19-25.....	2		
Ottawa.....	Mar. 19-25.....	5		
Quebec.....	Mar. 19-25.....	1		
St. Johns.....	Mar. 12-18.....	2		
Sarina.....	Mar. 19-25.....	1		
Sidney.....	Mar. 19-25.....	1		
Ceylon:				
Colombo.....	Feb. 12-18.....	2		
China:				
Hongkong.....	Jan. 29-Feb. 18....	10	4	
Shanghai.....	Feb. 6-19.....	2	14	Deaths among natives.
France:				
Paris.....	Feb. 19-Mar. 11....	11		
Germany.....	Mar. 5-18.....	3		
Gibraltar.....	Mar. 6-12.....	1		
Great Britain:				
London.....	Mar. 5-11.....	47	6	
India:				
Rangoon.....	Feb. 6-12.....	48	16	
Indo-China:				
Saigon.....	Feb. 6-12.....	36	12	
Italy:				
Naples.....	Mar. 5-11.....	47	1	
Palermo.....	Mar. 5-11.....	7	2	
Java:				
Batavia.....	Feb. 12-18.....	2		
Mexico:				
Aguaascalientes.....	Mar. 12-18.....		4	
Mexico.....	Feb. 19-25.....		6	
San Luis Potosi.....	Feb. 26-Mar. 4....	13	7	
Veracruz.....	Mar. 5-18.....	1	1	From a sailing vessel.
Peru:				
Salaverry.....	Mar. 1-14.....	4		
Russia:				
Riga.....	Mar. 5-11.....	19		
Warsaw.....	Dec. 18-Jan. 14....		10	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended March 10, 1911.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Valencia.....	Mar. 5-11.....	3	.....	
Straits Settlements:				
Penang.....	Jan. 8-28.....	32	9	
Singapore.....	Feb. 5-11.....	7	3	
Switzerland:				
Aargau, Canton.....	Feb. 26-Mar. 4....	8	.....	
Turkey in Asia:				
Beirut.....	Mar. 4-11.....	4	.....	

## Reports Received from December 31, 1910, to March 31, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910, see PUBLIC HEALTH REPORTS for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Bajil.....	Jan. 18-Feb. 12....	49	41	
Hodeida.....	Jan. 23-Feb. 12....	188	133	
Perim.....	Jan. 23.....	.....	.....	Present.
Maskat.....	Nov. 20-30.....	7	7	
Menaka.....	Jan. 19-Feb. 12....	97	24	
Obal.....	Jan. 27-Feb. 12....	3	3	
Zaida.....	Jan. 27-Feb. 12....	27	15	
Austria-Hungary:	Aug. 3-Nov. 7.....	.....	2	Not previously reported.
Croatia and Slavonia.....	Dec. 4-17.....	5	2	
Maren.....	Oct. 1-9.....	3	.....	
Hungary.....				Total for Hungary, Nov. 27-Dec. 17: Cases, 9; deaths, 3.
Bulgaria:				
Tartar-Pazardjik.....	Jan. 10.....	2	2	
Varna.....	Nov. 29.....	2	.....	From steamship <i>Bulgarie</i> , 3 fatal cases having been reported on p. 1936, Vol. XXV.
Ceylon:				
Colombo.....	Dec. 11-24.....	4	3	
China:				
Niuchwang.....	Aug. 1-Nov. 22.....	.....	.....	Occasional cases.
Shanghai.....	Aug. 1-31.....	.....	1	Reported out of date.
Formosa.....	Nov. 20-Dec. 17....	11	6	Mainly in Kelung and Taihoku.
Hawaii:				
Honolulu.....				Total from Feb. 25-Mar. 14: Cases, 31; deaths, 22.
India:				
Bombay.....	Nov. 23-Feb. 11....	.....	105	
Calcutta.....	Nov. 13-Feb. 4.....	.....	400	
Madras.....	Nov. 27-Feb. 18....	.....	14	Madras Presidency, Oct. 1-Dec. 31: Cases, 8,382; deaths, 4,546. Report for Oct. 16-31 not received. Jan. 1-31: Cases, 7,028; deaths, 3,943.
Rangoon.....	Jan. 1-Feb. 11....	5	5	
Indo-China:				
Saigon.....	Dec. 12-Jan. 22....	7	4	
Italy:				Total for Italy, Dec. 27-Jan. 30: Cases, 111; deaths, 17.
Provinces—				
Aquila.....	Dec. 4-17.....	4	1	
Bari.....	Dec. 27-Jan. 30....	5	2	
Caltanissetta.....	Dec. 4-10.....	1	.....	
Caserta.....	Dec. 4-Jan. 14....	15	3	
Catanzaro.....	Dec. 27-Jan. 6.....	2	2	
Lecce.....	Dec. 11-Jan. 30....	111	13	
Palermo—				
Palermo.....	Dec. 4-10.....	16	6	
Insane asylum.....	Dec. 4-Jan. 6.....	24	6	
Rome.....	Dec. 4-Jan. 6.....	10	7	
Salerno.....	Dec. 11-Jan. 6.....	10	.....	



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan				Total for Japan, Sept. 14-Nov. 30: Cases, 2,770; deaths, 1,923; including cases and deaths appearing on p. 1937, Vol. XXV.
Aichi ken.	Oct. 16-Nov. 20.	3	3	
Ehime ken.	Sept. 23-Nov. 30.	27	19	
Fukuoka ken.	Sept. 30-Nov. 30.	234	165	
Hiogo ken, Kobe.	Sept. 12-Nov. 30.	607	396	
Hiroshima ken.	Sept. 25-Nov. 30.	58	30	
Kagawa ken.	Oct. 2-Nov. 30.	293	201	
Kagoshima ken.	Oct. 28-Nov. 30.	4	3	
Kochi ken.	Oct. 18-Nov. 30.	70	42	
Kyoto fu.	Sept. 30-Nov. 30.	143	119	
Kumamoto ken.	Oct. 18-Nov. 30.	19	11	
Miye ken.	Oct. 11-Nov. 30.	8	5	
Nagasaki ken.	Oct. 16-Nov. 30.	26	11	Dec. 12-25, 5 cases, 1 death.
Nara ken.	Oct. 3-Nov. 30.	31	23	
Oita ken.	Oct. 10-Nov. 30.	2	1	
Okayama ken.	Sept. 29-Nov. 30.	71	49	
Osaka fu.	Sept. 17-Nov. 30.	951	692	
Saga ken.	Oct. 4-Nov. 30.	51	31	
Shiga ken.	Nov. 20-30.	7	6	
Shimane ken.	Oct. 24-Nov. 30.	7	5	
Tokushima ken.	Oct. 3-Nov. 30.	59	37	
Tokyo fu.	Oct. 18-Nov. 30.	1	1	
Wakayama ken.	Oct. 6-Nov. 30.	57	44	
Yamaguchi ken.	Oct. 12-Nov. 30.	41	29	
Java:				Among natives.
Batavia.	Nov. 13-Feb. 11.	13	5	
Samarang.	Sept. 11-Dec. 20.	590	504	
Soerabaya.	Oct. 23-Dec. 24.	23	15	
Korea:				
Seoul.	Oct. 26-Nov. 5.	1	1	
Madeira				Total for Madeira, Nov. 16-Feb. 8: Cases, 1,774; deaths, 555, including report, page 1938, Vol. XXV.
Funchal.	Nov. 16-Feb. 8.	635	210	
Calbeta.	Dec. 9-31.	1		
Camara dos Lobos.	Nov. 16-Feb. 8.	513	160	
Machico.	Nov. 16-Feb. 8.	278	75	
Ponto do Sol.	Nov. 16-Feb. 8.	195	71	
Santa Cruz.	Nov. 16-Feb. 8.	89	26	
Porto Santo Island.	Nov. 10-Feb. 8.	64	13	
Persia:				
Assadabad.	Oct. 5-Nov. 8.		61	
Birjend.	Nov. 10.			Present.
Enzeli.	Nov. 8-25.	9	11	Present in vicinity and in Fire-Bazar.
Hamadan.	Oct. 6-Dec. 3.	42	22	
Kasri-Churine.	Oct. 13-20.		5	
Kerman.	Nov. 22-Dec. 24.	106	51	
Kermanshah.	Nov. 5-10.		6	
Mohammerah.	Nov. 13-Dec. 5.	11	3	
Resht.	Nov. 19-Dec. 3.	48	42	Present in all villages in vicinity.
Mollag-Ali.	Nov. 20.	6		
Turbat-i-Hidari.	Oct. 10-Nov. 15.	66	25	
Philippine Islands:				
Manila.	Nov. 6-Dec. 31.	9	6	Third quarter, 1910: Cases, 195 deaths, 141.
Provinces.				Third quarter, 1910: Cases, 5,657; deaths, 4,089.
Albay.	Dec. 24-Feb. 4.	24	19	
Bulacan.	Nov. 6-Feb. 4.	18	15	
Ilocos Sur.	Nov. 6-Dec. 17.	58	38	
Mindoro.	Nov. 6-Feb. 4.	24	17	
Rizal.	Nov. 6-Dec. 3.	40	32	
Union.	Nov. 6-12.	3	1	
Russia.				Total for Russia, Nov. 20-Feb. 4: Cases, 1,230; deaths, 303. From May 8-Feb. 4: Cases, 216,796; deaths, 100,982.
Baku government—				
Baku.	Nov. 6-Dec. 17.	6		
Batum.	Dec. 4-10.	2	1	
Don territory.	Nov. 6-19.	6	2	
Erivan government.	Nov. 6-Dec. 10.	4	4	
Ferghana territory.	Nov. 6-19.	6	6	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia—Continued.</b>				
Kharkov government.....	Nov. 6-12.....	2	.....	
Kazan government.....	Nov. 6-Jan. 7.....	2	1	
Kherson government.....	Nov. 6-Dec. 3.....	4	4	
Kief government.....	Nov. 6-Feb. 4.....	45	18	
Kuban territory.....	Nov. 6-13.....	4	4	
Lublin government.....	Nov. 20-26.....	31	13	
Mohilev government.....	Nov. 6-19.....	2	1	
Orenburg government.....	Nov. 13-24.....	15	6	
Oufa government.....	Nov. 6-12.....	2	1	
Perm government.....	Nov. 20-26.....	1	.....	
Po-lolla government.....	Nov. 13-Jan. 28.....	11	4	
Rjasan government.....	Nov. 6-12.....	2	.....	
St. Petersburg government.....	Nov. 6-12.....	2	.....	
St. Petersburg.....	Nov. 6-Dec. 31.....	32	16	
Samara government.....	Nov. 6-19.....	6	.....	
Saratov government.....	Nov. 13-26.....	8	6	
Siberia, eastern.....	Nov. 6-19.....	12	3	Vladivostok, Oct. 29-Nov. 13: Cases, 4; deaths, 17.
Syr Darya territory.....	Nov. 6-19.....	7	4	
Taurida government—				
Sebastopol.....	Nov. 13-Dec. 3.....	7	4	
Tambov government.....	Nov. 13-Dec. 10.....	86	34	
Tiflis government.....	Nov. 6-26.....	2	.....	
Vitebsk government.....	Nov. 6-19.....	3	2	
Veronesch government.....	Nov. 6-12.....	2	.....	
Yekaterinoslav government	Nov. 6-Jan. 14.....	65	34	
<b>Siam:</b>				
Bangkok.....	Nov. 6-Jan. 21.....	296	291	
<b>Straits Settlements:</b>				
Singapore.....	Dec. 25-31.....	1	1	
<b>Sumatra:</b>				
Bambel.....	Dec. 29.....	.....	.....	Present.
Blagmoeti.....	Nov. 14.....	.....	.....	Do.
Keretan.....	Dec. 29.....	.....	.....	Do.
Pengeloedjajar.....	Nov. 14.....	.....	.....	Do.
<b>Tripoli:</b>				
Amrousse.....	Sept. 20-Dec. 8.....	6	5	
Hani.....	Sept. 20-Dec. 8.....	3	2	
Tripoli.....	Nov. 15-Dec. 8.....	37	37	Total Sept. 20-Dec. 8: Cases 323, deaths 233.
<b>Turkey:</b>				
Adrianople vilayet.....	Nov. 21-Dec. 15.....	60	70	94 cases and 34 deaths reported, p. 1940, Vol. XXV.
Constantinople.....	Nov. 22-Jan. 16.....	841	529	Total from Sept. 13-Jan. 16: Cases, 1,318; deaths, 793.
Saloniki vilayet.....	Dec. 11-31.....	50	25	
<b>Turkey in Asia:</b>				
Bagdad vilayet.....	Nov. 20-Dec. 11.....	119	115	Total, Oct. 16-Jan. 16: Cases, 819; deaths, 723.
Basra.....	Nov. 6-26.....	10	9	
Damascus.....	Feb. 3.....	13	3	Among pilgrims.
Medina.....	Jan. 4-31.....	.....	667	
Mekka.....	Dec. 26-Jan. 28.....	152	142	Feb. 5, present.
Samsoun.....	Nov. 20-Dec. 3.....	6	.....	
Smyrna.....	Nov. 20-Feb. 12.....	331	200	
Trebizond.....	Nov. 20-Dec. 18.....	107	42	And vicinity.
Yembo.....	Jan. 7-12.....	24	21	
Zongouldak.....	Nov. 20-Dec. 16.....	9	6	

## YELLOW FEVER.

<b>Brazil:</b>				
Manaos.....	Dec. 4-Feb. 25.....	.....	105	
Para.....	Nov. 27-Mar. 4.....	182	79	
<b>Ecuador:</b>				
Guayaquil.....	Nov. 1-Feb. 15.....	100	37	
<b>Honduras:</b>				
Puerto Cortez.....	Jan. 21-29.....	.....	.....	1 fatal case on U.S.S. Marietta.
<b>Mexico:</b>				
Salina Cruz.....	Mar. 4.....	1	1	From s. s. Opland from Guatemalan ports.
<b>Venezuela:</b>				
Caracas.....	Dec. 4-Feb. 28.....	57	16	Nov. 22-Dec. 3, 5 deaths.
La Guaira.....	Dec. 1-15.....	1	1	Jan. 22-27, 1 fatal case in Canton, suburb.
Macuto.....	Dec. 1-7.....	1	.....	
Maiquetia.....	Nov. 29.....	1	.....	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Azores:</b>				
Terceira.....	Dec. 24.....			Present.
<b>Brazil:</b>				
Bahia.....	Oct. 29-Dec. 23.....	32	28	
Pernambuco.....	July 1-Dec. 16.....		15	
Rio de Janeiro.....	Jan. 1-31.....	12	9	Nov. 1-27: Cases 12, deaths 5.
Sao Paulo.....	Jan. 8-21.....	2	2	
<b>Chile:</b>				
Arica.....	Jan. 26-Feb. 5.....	5	1	Dec. 28-Mar. 7, present.
Iquique.....	Jan. 1-28.....	5	3	Mar. 7, present.
<b>China:</b>				
Amoy.....	Jan. 21-Feb. 11.....	2	2	Kulangsu, Jan. 1-21, 3 fatal cases. Jan. 21-Feb. 11, present in Amoy Island.
Changechung.....	Jan. 1-Feb. 20.....	1,880		Jan. 1-Feb. 1: Deaths, 544.
Changtu.....	Jan. 14.....			Present.
Paoting-fu.....	Jan. 24.....			Present.
Peking.....	Jan. 24.....	2		
Shantung Province.....	Jan. 15-Feb. 15.....		1,000	
Chefoo.....	Jan. 15-Feb. 15.....		300	
Tengchowfu.....	Feb. 4.....		30	
Sloke.....	Dec. 6-Jan. 4.....			Present, in the interior, 60 miles from Amoy.
Swatow.....	Jan. 28-Feb. 25.....			Present in vicinity.
Tientsin.....	Jan. 21-Mar. 4.....		25	Jan. 17-Feb. 20, 60 cases.
Manchuria.....				Total for Manchuria, Oct. 25-Feb. 3: Cases, 1,176 Chinese, 40 Europeans; deaths, 1,164 Chinese, 37 Europeans. Total cases to Feb. 22, 22,632.
				Feb. 10: deaths 300 daily.
Ashihe.....	Dec. 25-Jan. 13.....	2		
Buhedu.....	Oct. 30.....	3		
Dalny.....	Jan. 11-Feb. 8.....	66	60	
Dunzenshan.....	Dec. 25-Feb. 3.....	19	22	
Fengting Province.....	To Feb. 22.....	3,229		
Fuchiatien.....				Nov. 8-Feb. 25: Deaths, 5,025.
Hailar.....	Dec. 6-Feb. 5.....	86		
Harbin.....	Nov. 8.....			And vicinity. Nov. 8-Feb. 25: Deaths, 1,458 Chinese, 37 Europeans.
Hismintum.....	To Feb. 3.....	62		
Hulan.....	Dec. 31-Feb. 4.....	1,262		
Jaomin.....	Dec. 25-Jan. 13.....	1	1	
Kirin and Heilungkian Province.....	Jan. 7-Feb. 22.....	19,403		
Kuantchentsi.....	Jan. 1-Feb. 3.....	8	3	
Liesania vetka Handa-ohedzy.....	Dec. 25-Jan. 13.....	9	9	
Lochagril.....	Dec. 27.....	4	4	
Loshagoon.....	Dec. 27.....	4		
Manchuria, station.....	Dec. 7-26.....		95	
Moershan.....	Jan. 1-20.....	1	1	
Mukden.....	Jan. 1-Feb. 5.....	693	689	
Pinchou.....	Jan. 28.....	223		
Sanshahe.....	Jan. 1-20.....	3	3	
Tieling.....	Jan. 14-Feb. 1.....	15	1	
Tchjalainarskiy.....	Nov. 11-Dec. 3.....	104	106	Cases previously reported, 14; deaths, 12.
Tchjalantum.....	Nov. 21-Jan. 14.....		42	
Turchiha.....	Oct. 30.....	4	4	
Tzaitzaigoy.....	Jan. 1-20.....	2	2	
<b>Ecuador:</b>				
Babahoyo.....	Dec. 16-Jan. 15.....	16	4	
Duran.....	Dec. 16-Jan. 31.....	10	4	
Guayaquil.....	Nov. 1-Feb. 15.....	221	190	
Milagro.....	Jan. 1-Feb. 15.....	9	5	
<b>Egypt:</b>				
Alexandria.....	Jan. 4.....	1	2	Nov. 29-Dec. 24, 5 cases, 2 deaths.
Cairo.....	Feb. 11.....	1	1	
<b>Provinces—</b>				
Assiout.....	Jan. 1-Mar. 2.....	71	24	Dec. 1-29, 50 cases, 24 deaths.
Assouan.....	Jan. 1-Mar. 2.....	68	39	
Behera.....	Jan. 1-17.....	3		
Beni Souef.....	Feb. 7-11.....	2		
Galloubeeh.....	Feb. 28.....	1	1	Nov. 22-Dec. 2, 1 case, 1 death.
Gizeh.....	Jan. 1-Feb. 2.....	9	5	
Kena.....	Jan. 14-Mar. 2.....	62	43	
Menouf.....	Jan. 1-27.....	6	2	Dec. 2-22, 26 cases, 14 deaths.
Minieh.....	Feb. 22-Mar. 1.....	31	9	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports received from December 31, 1910, to March 31, 1911.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Hawaii:				
Honokaa.....	Jan. 31.....	2	2	
India:				
Bombay.....	Nov. 23-Feb. 18.....		336	
Calcutta.....	Nov. 13-Feb. 4.....		131	
Kurrachee.....	Nov. 19-Feb. 18.....	243	241	
Madras.....	Dec. 11-17.....		1	
Rangoon.....	Jan. 1-Feb. 11.....	33	31	Dec. 11-31, 10 deaths.
Bombay Presidency and Sind.....	Oct. 29-Jan. 28.....	21,855	14,671	
Madras Presidency.....	Oct. 29-Jan. 28.....	5,666	4,654	
Bengal.....	Oct. 29-Jan. 28.....	15,243	12,042	
United Provinces.....	Oct. 29-Jan. 28.....	66,534	56,216	
Punjab.....	Oct. 29-Jan. 28.....	19,395	15,294	
Burma.....	Oct. 29-Jan. 28.....	1,787	1,720	
Central Provinces.....	Oct. 29-Jan. 28.....	14,834	11,137	
Coorg.....	Oct. 29-Jan. 28.....	19	9	
Mysore State.....	Oct. 29-Jan. 28.....	7,302	5,255	
Hyderabad State.....	Oct. 29-Jan. 28.....	4,552	3,847	
Central India.....	Oct. 29-Jan. 28.....	3,332	2,703	
Rajputana and Ajmer-Merwara.....	Oct. 29-Jan. 28.....	8,277	6,393	
Kashmir.....	Nov. 6-Jan. 28.....	104	74	
North West Province.....	Dec. 10-Jan. 28.....	61	52	
Grand total.....		168,961	134,067	
Indo-China:				
Saigon.....	Nov. 14-Jan. 29.....	5	4	
Japan:				
Formosa.....	Jan. 22-Feb. 11.....	9	7	
Mauritius.....	Sept. 30-Dec. 29.....	511	290	
New Caledonia:				
Noumea.....	Sept. 17.....			Present.
Peru:				
Ancachs, Department Casma.....	Mar. 4.....			Do.
Arequipa Department.....	Nov. 1-Dec. 31.....	10	2	
Mollendo.....				Jan. 1-Feb. 21, 20 cases, 9 deaths.
Callao Department.....	Nov. 1-Jan. 14.....	2		Feb. 7, 1 case.
Lambayeque Department.....	Nov. 1-Dec. 31.....	8	2	
Libertad Department.....	Nov. 1-Dec. 31.....	58	29	Dec. 10-Mar. 7, present in Chicama Valley. Salaverry, Jan. 1-Mar. 7, epidemic. Mar. 7, 58 cases in Lazaretto at Truxillo. Mar. 1, present in Moche and Viru.
Lima Department.....	Nov. 1-Feb. 18.....	15	8	Lima, Mar. 4, present.
Piura Department.....	Nov. 1-Dec. 31.....	29	18	
Russia:				
Odessa.....	Jan. 1.....	1		
Astrakhan Government—				
Abil-Isken.....	Nov. 22-29.....	4	4	
Kirghiz Steppe.....	Dec. 17-Feb. 2.....	99	81	
Kolden.....	Dec. 6-13.....	8	3	
Koybai.....	Dec. 10-13.....	5	1	
Kulken Island.....	Oct. 13-Nov. 4.....	5	5	
Nauraali-Tehaygal.....	Nov. 23-29.....	5	5	
Neuren.....	Nov. 17-21.....	1	1	
Trans-Caucasia.....				Total from Oct. 23-Nov. 24: Cases, 28; deaths, 5.
Petrovsk.....	Nov. 23.....	1	1	
Sanitza-Oliviana.....	Nov. 22.....	1	1	
Baku.....	Dec. 17.....	1	1	
Batum.....	Dec. 17.....	1	1	
Odessa.....	Nov. 26-Dec. 9.....	1	1	
Siam:				
Bangkok.....	Nov. 27-Dec. 3.....	1	1	
Straits Settlements:				
Singapore.....	Nov. 13-Dec. 3.....	1	1	
Trinidad.....	Feb. 8-Mar. 15.....	2	1	
Turkey in Asia:				
Jiddah.....	Jan. 15.....	1		Mar. 16, present.
Venezuela:				
Caracas.....	Nov. 9.....			Present.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports received from December 31, 1910, to March 31, 1911.

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Abyssinia:</b>				
Adis Ababa.....	Nov. 20-Feb. 11...			Present.
<b>Arabia:</b>				
Aden.....	Jan. 9-16.....	11	3	
Berbera.....	Dec. 9-Jan. 9.....			Epidemic.
Bulhar.....	Jan. 25.....			Present.
Maskat.....	Jan. 1-21.....	3		1 case from a British naval vessel.
Zeila.....	Jan. 25.....			Present.
<b>Argentina:</b>				
Buenos Aires.....	Oct. 1-Dec. 31.....		16	
Rosario.....	Oct. 1-Dec. 31.....		11	
<b>Australia:</b>				
Adelaide.....				Sept., 1910, 1 case on s. s. Kazembe from Singapore.
<b>Barbados:</b>				
Bridgetown.....	Jan. 14.....	1		From steamship Cara from Rio de Janeiro.
<b>Brazil:</b>				
Bahia.....	Oct. 29-Dec. 23.....	59	30	
Para.....	Nov. 27-Mar. 4.....	44	9	
Pernambuco.....	July 1-Jan. 31.....		963	
Rio de Janeiro.....	Jan. 1-31.....	4	2	Nov. 14-Dec. 31, 6 cases.
Sao Paulo.....	Jan. 8-14.....		1	
<b>Canada:</b>				
British Columbia—				
Fernie.....	Feb. 19-Mar. 18.....	6		
Vancouver.....	Jan. 1-31.....	3		
Victoria.....	Dec. 11-Feb. 28.....	59		
New Brunswick—				
Moncton.....	Jan. 29-Feb. 11.....	15		
Newcastle.....	Dec. 18-Jan. 25.....	9		Jan. 14-Mar. 25, in vicinity.
Nova Scotia—				
Halifax.....	Jan. 1-14.....	3		
Louisburg.....	Dec. 25-Feb. 4.....	9		
Sydney.....	Jan. 22-Mar. 11.....	5		
Ontario—				
Cornwall.....	Jan. 1-21.....	3		
Ottawa.....	Dec. 18-Mar. 18.....	10		
Quebec—				
Quebec.....	Feb. 12-Mar. 18.....	2		
<b>Ceylon:</b>				
Colombo.....	Nov. 13-Feb. 11.....	32	9	
<b>Chile:</b>				
Coquimbo Province.....	Dec. 13-30.....			Present in two localities.
Iquique.....	Nov. 13-19.....		1	
Punta Arenas.....	Nov. 1-30.....	1		
Talcahuano.....	Nov. 13-Dec. 17.....	23		
Valparaiso.....	Nov. 20-Jan. 28.....	448		Deaths not generally reported; Jan. 8-14, two deaths.
<b>China:</b>				
Canton.....	Dec. 11-17.....	26	3	
Chefoo.....	Dec. 11-17.....			Present among natives.
Chungking.....	Nov. 13-Feb. 4.....			Present.
Hongkong.....	Dec. 4-Jan. 28.....	14	9	
Manchuria—				
Dainy.....	Nov. 27-Feb. 11.....	2	1	
Nanking.....	Nov. 20-Feb. 25.....			Do.
Shanghai.....	Nov. 21-Feb. 5.....	30	130	Deaths among natives.
Swatow.....	Jan. 1-7.....			Present 25 miles inland; Jan. 21-Feb. 25, present in vicinity.
Tsingtau.....	Jan. 8-Feb. 11.....	12	1	
<b>Colombia:</b>				
Cartagena.....	Jan. 15-Mar. 5.....			Present.
<b>Egypt:</b>				
Alexandria.....	Nov. 1-Dec. 31.....	1	2	
Cairo.....	Dec. 3-Feb. 25.....	13	4	
Port Said.....	Dec. 17-Feb. 25.....	4	1	
<b>France:</b>				
Paris.....	Dec. 3-Feb. 18.....	38		
<b>Germany</b> .....				Total for Germany, Dec. 4-Jan. 7, cases 11.
<b>Gibraltar</b> .....	Jan. 16-Feb. 5.....	3		
<b>Great Britain:</b>				
Dublin.....	Jan. 15-21.....	1		
Leith.....	Dec. 11-17.....	2		From a steamship from Oporto.
Liverpool.....	Jan. 29-Mar. 11.....	4		
London.....	Feb. 19-Mar. 4.....	80	1	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to March 31, 1911.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Hawaii:				
Honolulu.....	Jan. 3-Feb. 18....	4	.....	Jan. 3, 3 cases on s. s. Kiho Maru from Manzanillo. Feb. 18, 1 case on s. s. Chiyo Maru from Yokohama.
Hilo—				
Waiakea.....	Mar. 25-26.....	3	.....	
Kona.....	Mar. 22.....	1	.....	
Maui—				
Puene.....	Jan. 24.....	39	.....	
Waikapu.....	Jan. 31.....	1	.....	
India:				
Bombay.....	Dec. 6-Feb. 18....	.....	39	
Calcutta.....	Nov. 6-Feb. 4....	.....	16	
Madras.....	Nov. 20-Feb. 18....	255	89	
Rangoon.....	Jan. 1-Feb. 11....	102	29	Nov. 20-Dec. 31, 6 deaths.
Indo-China:				
Saigon.....	Nov. 14-Feb. 5....	73	21	
Italy:				
Genoa.....	Feb. 1-15.....	6	.....	
Naples.....	Dec. 4-Mar. 4....	276	148	
Palermo.....	Jan. 8-Mar. 4....	45	15	
Turin.....	Jan. 8-14.....	1	.....	
Japan:				
Kobe.....	Dec. 26-Feb. 12....	3	.....	Dec. 26-Jan. 1, 2 cases from s. s. Shimosa from New York via ports.
Java:				
Batavia.....	Dec. 26-Feb. 4....	6	.....	
Malta:				
Valetta.....	Dec. 4-Jan. 28....	4	.....	
Mexico:				
Aguascalientes.....	Dec. 25-Mar. 11....	.....	41	
Chihuahua.....	Jan. 30-Feb. 5....	.....	1	
Esenada.....	Mar. 12-18.....	2	.....	
Guadalajara.....	Jan. 29-Feb. 4....	1	.....	
Mexico.....	Dec. 11-Feb. 11....	.....	22	Reports from Jan. 8-28 not received.
Monterey.....	Dec. 19-25.....	.....	1	
San Luis Potosi.....	Nov. 13-Feb. 25....	103	64	Jan. 26, present in the interior of the State.
Tampico.....	Dec. 2-Mar. 10....	97	24	Present in Doña Cecilia, La Barra, and Tancol.
Netherlands:				
Rotterdam.....	Dec. 11-Jan. 28....	4	.....	
New Zealand:				
Lyttelton.....	Dec. 30.....	1	.....	On s. s. Knight of the Garter from Karotzu, Japan.
Peru:				
Salaverry.....	Jan. 25-Mar. 4....	5	.....	Jan. 10-Feb. 7 present.
Truxillo.....	Dec. 19.....	.....	2	Dec. 19-Jan. 7 present in vicinity.
Philippine Islands				Third quarter, 1910: cases 11, deaths 0.
Portugal:				
Lisbon.....	Dec. 3-Mar. 4....	221	.....	Oct. 30-Dec. 31, deaths 48. Year 1910, 286. Jan. 1-Feb. 11, deaths 23.
Russia:				
Libau.....	Dec. 5-Jan. 23....	6	4	
Moscow.....	Nov. 13-Feb. 18....	122	57	
Odessa.....	Nov. 20-Feb. 18....	14	3	
Riga.....	Dec. 11-Feb. 18....	78	.....	
St. Petersburg.....	Nov. 13-Feb. 4....	316	89	
Warsaw.....	Oct. 9-Dec. 17....	.....	19	
Siberia:				
Vladivostok.....	Nov. 22-Jan. 21....	16	3	
Siam:				
Bangkok.....	Dec. 21-Feb. 22....	1	1	
Spain:				
Barcelona.....	Dec. 5-Jan. 8....	.....	2	Mar. 12, present.
Madrid.....	Nov. 1-Feb. 28....	.....	23	
Seville.....	Jan. 1-Feb. 28....	.....	10	
Valencia.....	Nov. 27-Mar. 4....	18	.....	
Straits Settlements:				
Penang.....	Nov. 6-Jan. 7....	275	120	
Singapore.....	Nov. 13-Feb. 4....	74	14	



**Reports Received from December 31, 1910, to March 31, 1911.**

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Switzerland:				
Cantons—				
Aargau.....	Jan. 29–Feb. 25....	31		
Baselstadt.....	Feb. 19–25.....	1		
Bern.....	Dec. 12–Feb. 11....	11		
Turkey:				
Constantinople.....	Dec. 19–25.....		1	
Turkey in Asia:				
Beirut.....	Dec. 4–Mar. 4.....	28		
Smyrna.....	Dec. 18–24.....	1		
Uruguay:				
Montevideo.....	Oct. 1–Dec. 31....	31	10	
Zanzibar:				
Zanzibar.....	Oct. 31–Feb. 5....	67	58	

## MORTALITY.

**WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.**

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aden.....	Feb. 13	43,794	24	7			1							
Do.....	Feb. 20		19	4			1							
Do.....	Feb. 27		16	2			1							
Aguascalientes.....	Mar. 18	40,000	32				4	1			1			
Amsterdam.....	Mar. 4	574,973	92	15								9	5	
Athens.....	Mar. 6	250,000	25	25					3		1			
Barcelona.....	Mar. 12	591,272	283	27					1		2	8	1	
Barranquilla.....	Mar. 11	40,000	19	1					1					
Batavia.....	Feb. 18	217,630					1							
Beirut.....	Mar. 11	80,000	22	1					2					
Belfast.....	do.....	398,421	118	26										1
Belgrade.....	Mar. 18	90,050	26							1				
Brussels.....	Mar. 11	720,030	259	27					1		1	2		
Budapest.....	do.....	950,610								4	1	1	1	
Calcutta.....	Feb. 11	847,796	487	23	13	46		2						
Cardiff.....	Mar. 4	203,107	45	5							3			
Do.....	Mar. 11		40	5						2	1			
Chefoo.....	Feb. 11	82,000			99									
Christiania.....	Mar. 11	245,000	59	8							1			
Do.....	Mar. 18		75	9						1	2	3	7	
Cienfuegos.....	do.....	70,614	22	3					2					
Colombo.....	Feb. 18	131,310	153	16										
Constantinople.....	Mar. 12	1,000,000	300	42					4		1			
Do.....	Mar. 19		323	31					4		1	1		
Dundee.....	Mar. 11	171,006	68	6						1				8
Durango.....	Mar. 19	49,916	21	2									1	1
Edinburgh.....	Mar. 11	365,253	102	13							1	2	2	
Flume.....	Mar. 25	50,811	35	6									3	1
Florence.....	Mar. 5	242,403	157	20								1	3	
Georgetown.....	Mar. 11	56,000	55	3			1							
Glasgow.....	Mar. 17	897,178	269						2			1	3	19
Hamburg.....	Mar. 11	932,000	264	31								12	3	4
Do.....	Mar. 18	932,166	255	24						1	2	12	8	1
Harput.....	Feb. 18	21,000	47	1								46		
Do.....	Feb. 25		29	1								28		
Havre.....	Mar. 11	132,430	65	12					1					
Hongkong.....	Feb. 18	336,488					1							
Iquique.....	Feb. 11	38,382		6	1				1					
Do.....	Feb. 18			8	1				1					
Do.....	Feb. 25			8										
Hull.....	Mar. 11	284,502	71									1	6	3
Do.....	Mar. 18		90							1		1	7	

## MORTALITY—Continued.

*Weekly mortality table, foreign and insular cities—Continued.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Karachi	Feb. 25	130,000	136		63									
Kingston	Mar. 25	20,000	9						3	6	4	8		
Kobe	Feb. 27	400,147	170								3			
Leith	Mar. 11	87,826	28						1	1				
Liege	Feb. 18	174,768	61							1	1	1		
Do.	Feb. 28		72	6										
London	Mar. 11	7,645,716	2,061					6		3	4	16	247	41
Lubeck	Mar. 4	98,700	33	3								1	3	
Do.	Mar. 11		30	2								2		
Manaos.	Mar. 4	52,000	48	5			7							
Manchester.	do.	631,533	225	23					1			1	5	3
Do.	Mar. 11		232	29					2				3	6
Mannheim	Feb. 25	194,000	46	2				1				1		
Mexico.	Feb. 18	500,000	408	19				3 40		1		1	1	5
Do.	Feb. 25		378	24				6 24				1	1	4
Monterey	Mar. 12	100,000	43	4						5				
Do.	Mar. 19		47	5						3				
Montreal.	Mar. 18	450,000	177	28					3	3	2	2		
Do.	Mar. 25		190	25					3	7	5	1		2
Moscow	Feb. 18	1,500,000	850	90			5 47		4	22	29	22	3	
Munich.	Feb. 25	597,000	214	31					1		1	6	3	1
Do.	Mar. 4		186	30							2	3	3	1
Do.	Mar. 11		207	38							3	3		2
Nagoya	Feb. 19	402,101	149						1		2			
Nagasaki.	do.	178,074	34	5						1				
Naples	Mar. 5	593,729		6			4					1	1	
Do.	Mar. 12			6			1					1	1	
Newcastle-on-Tyne.	Feb. 25	290,360	104							9	19			
Do.	Mar. 4		83	5						2		1	7	4
Do.	Mar. 11		80	10								1	9	3
Nottingham	Feb. 25	260,000	63									1		2
Do.	Mar. 4		67									1		1
Odessa.	Feb. 25	546,000	185	34			1 2		2	6	3	1	1	1
Do.	Feb. 19		157	22						1	1	1	1	1
Do.	Feb. 26		187	39				2		3		2		1
Ottawa.	Mar. 18	86,000	41	2					3		1			
Palermo	Mar. 25		30	1				1	3	4				
Do.	Feb. 25	340,000	168	7			2		2	4				
Do.	Mar. 4		189	15			2		2	4				1
Do.	Mar. 11		193	6			2		2	7				
Para.	do.	185,000	80	9			1 3							
Paris.	Feb. 25	2,776,394	941	196					8	3	2	17		9
Do.	Mar. 4		943	206					5	1	4	13		3
Do.	Mar. 11		896	208					4	1	4	18		5
Penang.	Jan. 14	248,207	78	9				4		2				
Do.	Jan. 21		64	9				2						
Do.	Jan. 28		83	15				3						
Do.	Feb. 11		63	12				3		1				
Do.	Feb. 4		70	11				4		1				
Plymouth	Mar. 18	124,180	53							1				
Port Elizabeth.	Feb. 25	32,248	9	3						1				
Port Said.	Feb. 18	52,811	24	1				1						
Do.	Feb. 25		31	1										
Prague	do.	235,556	92	17							3	1		1
Rangoon	Feb. 4	252,155	186	8	4			10						
Do.	Feb. 11		201	9	9	2		5						
Do.	Feb. 18		233	7	22			16				3		
Rotterdam.	Mar. 11	427,456	122									3		
Saigon	Feb. 12	206,000					1							
St. John's, N. F.	Feb. 11	31,000						12						
St. Petersburg	Feb. 11	1,907,708	755	121				11	1	8	28	9	11	5
Do.	Feb. 18		813	139				11		10	18	14	11	4
Do.	Feb. 25		751	129				5	2	6	17	16	5	5
Salaverry	Feb. 28	1,700	10		8									
San Luis Potosi.	Feb. 25	82,694	92	7				9	4		1	1		
Do.	Mar. 4		110	7				7	1				10	3
Santa Cruz de Tenerife.	Feb. 25	46,000	20	1						1				
Do.	Mar. 4		10						1					
Santiago de Cuba.	Mar. 11	53,614	23	2								2		

## MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Sarnia.....	Mar. 25	9,810								1			
Sheffield.....	Mar. 4	472,000	224	14							1	5	85
Do.....	Mar. 11		212	11						2			96
Singapore.....	Feb. 4	271,000	179	21				1		2			
Do.....	Feb. 11		149	25				3					
Smyrna.....	Jan. 21	400,000	116	14		55					3	3	3
Do.....	Jan. 28		109	13		35					4		7
Do.....	Feb. 4		145	17		14					4		5
Do.....	Feb. 11		132	17		3				1	1		16
Do.....	Feb. 18		135	24						3	4		4
Do.....	Feb. 25		110	16						1	1		7
Vigo.....	Mar. 11	40,000	28	5								1	1
Southampton.....	Mar. 4	129,667	36	3								1	
Do.....	Mar. 11		25	2									
South Shields.....	Feb. 11	121,866	42	2						1		2	3
Do.....	Feb. 25		36									1	
Do.....	Mar. 4		29	2								1	
Stettin.....	Feb. 25	234,033	83	11							2	1	
Do.....	Mar. 4		63	6								1	
Stockholm.....	Feb. 18	341,816	86	20							2	1	1
Do.....	Feb. 25		101	18						1		1	
Talcahuano.....	Feb. 11	28,000		3									1
Do.....	Feb. 18												2
Tampico.....	Mar. 10	23,453	42	6				3					
Tarragona.....	Mar. 11	23,300	10	1								1	
Tientsin.....	Jan. 28	60,000	22	3									2
Do.....	Feb. 4		19	4		4							
Do.....	Feb. 18		27			3							
Do.....	Feb. 25		23		10					3	4		
Do.....	Mar. 4		19		6								
Turin.....	Feb. 25	401,555	163	19						1		2	
Valencia.....	Mar. 4	240,000	113	7								1	
Do.....	Mar. 11		95	4								1	
Veracruz.....	do.	47,000	34	9									1
Do.....	Mar. 18		46	11				1				2	
Vigo.....	Feb. 18	40,000	19	6								1	1
Do.....	Mar. 4		20	5									2
Warsaw.....	Dec. 24	781,179	297	42			2		2	17	3	4	2
Do.....	Dec. 31		277	30			4		1	5	1	3	1
Do.....	Jan. 7		273	25			3		1	6	3	5	1
Do.....	Jan. 14		253	27			1		1	11	1	4	
West Hartlepool.....	Feb. 25	66,750	24									1	
Do.....	Mar. 11		13									1	
Winnipeg.....	do.	135,000	37	2					1	4	1	1	
Do.....	Mar. 18		42									1	
Do.....	Mar. 25			1						2	1		
Yokohama.....	Feb. 27	419,630										2	
Do.....	Mar. 6								2				

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES  
(untabulated).

ALGERIA—*Algiers*.—Month of February, 1911. Population, 150,000. Total number of deaths from all causes 365, including diphtheria 3, tuberculosis 48, typhoid fever 5.

AUSTRALIA—*Brisbane*.—Month of December, 1910. Population, 119,428. Total number of deaths from all causes 145, including measles 1, tuberculosis 7, typhoid fever 7.

**BRAZIL.—Pernambuco.**—Two weeks ended January 31, 1911. Population, 210,000. Total number of deaths from all causes 398, including smallpox 77, tuberculosis 47, typhoid fever 3.

**Rio de Janeiro.**—Four weeks ended February 18, 1911. Population, 811,443. Total number of deaths from all causes 1,673, including diphtheria 2, measles 27, plague 4, smallpox 1, tuberculosis 301, typhoid fever 4.

**FRANCE.—Marseille.**—Month of February, 1911. Population, 517,498. Total number of deaths from all causes 1,114, including diphtheria 5, measles 37, tuberculosis 125.

**Roubaix.**—Month of February, 1911. Population, 121,115. Total number of deaths from all causes 170, including diphtheria 1, tuberculosis 19.

**GREAT BRITAIN.**—Week ended March 11, 1911.

**England and Wales.**—The deaths registered in 77 great towns correspond to an annual rate of 14.9 per 1,000 of the population, which is estimated at 17,160,256.

**Ireland.**—The deaths registered in 21 principal town districts correspond to an annual rate of 19.3 per 1,000 of the population, which is estimated at 1,163,596. The lowest rate was recorded at Wexford, viz, 9.3, and the highest at Queenstown, viz, 46.1 per 1,000.

**Scotland.**—The deaths registered in 8 principal towns correspond to an annual rate of 15.9 per 1,000 of the population, which is estimated at 1,917,875. The lowest rate was recorded at Paisley, viz, 11 per 1,000, and the highest at Greenock, viz, 25.3 per 1,000. The total number of deaths from all causes was 583, including diphtheria 5, measles 5, scarlet fever 4, typhoid fever 3.

**ITALY.—Milan.**—Month of February, 1911. Population, 900,000. Total number of deaths from all causes 165, including diphtheria 4, measles 29, scarlet fever 4, tuberculosis 123, typhoid fever 3.

**PORTO RICO.**—Month of December, 1910. Population, 1,118,012. Total number of deaths from all causes 2,139, including diphtheria 4, measles 7, tuberculosis 211, typhoid fever 22.

**RUSSIA.—Riga.**—Month of December, 1910. Population, 555,000. Total number of deaths from all causes 724, including diphtheria 18, measles 11, scarlet fever 48, smallpox 24, typhoid fever 8, typhus fever 2.

**ST. THOMAS.**—Three months ended December 31, 1910. Population, 12,019. Total number of deaths from all causes 250, including tuberculosis (pulmonary) 3, typhoid fever 3.

**SPAIN.—Madrid.**—Month of February, 1911. Population, 613,439. Total number of deaths from all causes 1,311, including diphtheria 11, measles 23, scarlet fever 1, smallpox 8, tuberculosis 145, typhus fever 3.

*Seville*.—Month of February, 1911. Population, 154,315. Total number of deaths from all causes 362, including diphtheria 4, small-pox 2, tuberculosis 58.

TURKS ISLANDS.—Two weeks ended March 18, 1911. Population 1,800. Total number of deaths from all causes 3. No contagious diseases.

VENEZUELA—*La Guaira*.—Month of February, 1911. Population, 10,000. Total number of deaths from all causes 6, including tuberculosis 2, typhoid fever 1.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon General,*

*United States Public Health and Marine-Hospital Service.*